

19991109.qrp v01_n634.qrl.991109

Date: Tue, 9 Nov 1999 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1634

QRP-L Digest 1634

Topics covered in this issue include:

- 1) [55541] Wow!
by "Joe Spencer" <joes@tcjc.cc.tx.us>
- 2) [55542] Re: [SOLAR POWER] What is suitable for camping ?
by "Ron Polityka" <wb3aal@talon.net>
- 3) [55543] Re: CONTEST: Send in the logs!
by n5ib@juno.com
- 4) [55544] Vibroplex
by Tony <ka9fax@mailbox1.com>
- 5) [55545] Need 7.37 Mhz Crystals
by "Kory Hamzeh" <kory@avatar.com>
- 6) [55546] Re: [55413] Rechargeable Alkalines?
by Tom Randall <trandall@idsi.net>
- 7) [55547] RE: Vibroplex
by "ai2q" <ai2q@ispchannel.com>
- 8) [55548] LOST: N5INZ Where are you?
by Glen Reid <k5fx@flash.net>
- 9) [55549] CLUB: Austin QRP Club Meeting 11/13
by Glen Reid <k5fx@flash.net>
- 10) [55550] Ugly/Manhattan
by <SFIKE@twa.com>
- 11) [55551] Re: RAYOVAC Model PS3
by "Ronald Hands" <rhands@hwcen.org>
- 12) [55552] Re: Carrying case for K2
by "The One and Only!" <mitch96@pobox.com>
- 13) [55553] Re: ANT: Adjusting GAP Titan?
by rfoltz@turbonet.com
- 14) [55554] Mail header test, please disregard.
by mwattcpa@earthlink.net (Marty Watt)
- 15) [55555] Re: Tick Keyer Current Demands
by "Carl Zmola" <zmola@campbellsci.com>
- 16) [55556] Re: [55413] Rechargeable Alkalines?
by "Carl Zmola" <zmola@campbellsci.com>
- 17) [55557] Re: Need 7.37 Mhz Crystals
by "Radman" <radman@best.com>
- 18) [55558] OT:Netscape problem
by Tim Pettibone <k5oi@zianet.com>
- 19) [55559] Re: CONTESTS: W5VB0 - SS Score

- by Thomas Kuehl <ac7a@uswest.net>
- 20) [55560] Re: Vibroplex
by K2UD@aol.com
- 21) [55561] Re: CONTESTS: W5VB0 - SS Score
by Thomas Kuehl <ac7a@uswest.net>
- 22) [55562] Foxhunt
by w2xn@juno.com
- 23) [55563] Re: OT:Netscape problem
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 24) [55564] Re: ANT: cheap vertical ??
by kc8aon@juno.com
- 25) [55565] NEVER HEARD JOHN
by N10DL@aol.com
- 26) [55566] Re: ANT: cheap vertical ??
by Monte Stark <ku7y@dri.edu>
- 27) [55567] Re: [SOLAR POWER] What is suitable for camping ?
by GE1am30092@aol.com
- 28) [55568] HELP: need manuals for Heath tuner and SWR/Power meter
by Rod J Johnson <ka7you@juno.com>
- 29) [55569] To: Walt Amos - Others PLEASE do not read
by Brian Kassel <bkassel@dancris.com>
- 30) [55570] 99 SS CW
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 31) [55571] CONTEST: CW SS de K7Q0
by "Chuck Adams K7Q0" <k7qo@primenet.com>
- 32) [55572] Re: NEVER HEARD JOHN
by Tom Palmer <n1tp@worldnet.att.net>
- 33) [55573] Re: RAYOVAC Model PS3
by David Feldman <dgif@netcom.com>
- 34) [55574] Re: CONTEST: CW SS de K7Q0
by Monte Stark <ku7y@dri.edu>
- 35) [55575] RI FOX - beaten to a pulp
by K1JD@aol.com
- 36) [55576] CONTEST: QRP SS Summary K8DD
by Hank Kohl K8DD <k8dd@arrl.net>
- 37) [55577] Re: Interesting equivalents for 5 watts?
by KD1YV <kd1yv@mindspring.com>
- 38) [55578] Re: Interesting equivalents for 5 watts?
by KD1YV <kd1yv@mindspring.com>
- 39) [55579] KE6RIE Straight Key
by "Doug Hauff" <slmachco@fix.net>
- 40) [55580] KE6RIE Straight Key Address
by "Doug Hauff" <slmachco@fix.net>
- 41) [55581] CONTEST: N0RC SS perf. Abysmal
by "Rod Cerkoney" <rwc@frii.com>
- 42) [55582] CONTEST: SS Info to 3830
by Monte Stark <ku7y@dri.edu>
- 43) [55583] FOX K1JD

by Tom Palmer <n1tp@worldnet.att.net>
44) [55584] Re: Admin: ??<owner-qrp-1@LeHigh.edu>
by dfirlik@juno.com
45) [55585] Re: CONTEST: N0RC SS perf. Abysmal
by Pete Burbank <plburbank@kih.net>
46) [55586] Re: RI FOX - beaten to a pulp
by Tom Palmer <n1tp@worldnet.att.net>
47) [55587] What's 30M like these days?
by "Kory Hamzeh" <kory@avatar.com>
48) [55588] FOX K1JD
by Tom Palmer <n1tp@worldnet.att.net>
49) [55589] RE: HB Li-Ion batteries
by "Ed Tanton" <n4xy@att.net>
50) [55590] Re: CONTEST: CW SS de K7QO
by DYARNES@aol.com
51) [55591] Quicksilver Printing
by Timothy Herron <drboom@bright.net>
52) [55592] CONTEST: Almost a SWEEP
by Bill B Lazure <n2tpa@juno.com>
53) [55593] Re: CONTEST: Almost a SWEEP
by "J. Ervin Bates" <w8erv@email.msn.com>
54) [55594] RE: ELMER300: 2N2/15 Design Lightoff
by "Sly (9M8SL)" <cqsly@tm.net.my>
55) [55595] Re: Interesting equivalents for 5 watts?
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
56) [55596] Re: KE6RIE Straight Key
by Charles Greene <cgreene@loa.com>
57) [55597] Re: ANT: cheap vertical ??
by Bruce Muscolino <w6toy@erols.com>
58) [55598] Milli-horsepower
by Karl Kanalz <KKanalz@excel.com>
59) [55599] Re: Quicksilver Printing
by John Payne <paynej1@strato.net>
60) [55600] FOX Wed.: NF9K/Minnesota!
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
61) [55601] FOX: Time Clarified
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
62) [55602] SS CW 99 K0FRP
by "al dawkins" <alk0frp@earthlink.net>
63) [55603] RE: ANT: cheap vertical ??
by Karl Kanalz <KKanalz@excel.com>
64) [55604] RE: Quicksilver Printing
by John Payne <paynej1@strato.net>
65) [55605] Re: CONTEST: Send in the logs\!
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
66) [55606] Re: CONTEST: Next year SS
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
67) [55607] Re: CONTEST: Points per Watt Record still intact?

by "Ed Hare, W1RFI" <w1rfi@arrl.net>
68) [55608] Re: CONTEST: KI6DS loses to flu in SS
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
69) [55609] HB:QRP Projects in Altoid Mint Tins
by David Shalita <af389@lafn.org>
70) [55610] RE: Quicksilver Printing
by Dave Pomeroy <dave_pomeroy@yahoo.com>
71) [55611] Elmer 100: Balun
by "Donny" <dsirait@centrin.net.id>
72) [55612] XCVR: total power consumption
by "Donny" <dsirait@centrin.net.id>
73) [55613] RE: QRP Projects in Altoid Mint Tins
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
74) [55614] Re: 2 mWatts to a Mobile - 210,000 miles to the watt
by Jim Hale <kj5tf@yahoo.com>
75) [55615] ANT: Re: Cheap Vertical ??
by w4pj@w4bkx.ampr.org
76) [55616] Re: CONTEST: N0RC SS perf. Abysmal
by Dave Ek <ekdave@earthlink.net>
77) [55617] Re: Quicksilver Printing
by Jerry Haigwood <w5jh@swlink.net>
78) [55618] Re: ANT: cheap vertical ??
by Bruce Muscolino <w6toy@erols.com>
79) [55619] CONTEST:...for all the wrong reasons
by Bill Jones <kd7s@psnw.com>
80) [55620] Re: CONTEST: Almost a SWEEP
by Dave Ek <ekdave@earthlink.net>
81) [55621] Re: Quicksilver Printing
by "Richard Brummer, K2REB" <obvious@bestweb.net>
82) [55622] Re: XCVR: total power consumption
by Russ Hines <radioruss@fuse.net>
83) [55623] XCVR: NC40A mods, conclusion.
by Allan G Taylor <k7gt@arrl.net>
84) [55624] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
85) [55625] Re: Quicksilver Printing
by gsurrency@juno.com
86) [55626] Re: Elmer 100: Balun
by Bob Nielsen <nielsen@primenet.com>
87) [55627] RI FOX: Prelim. Logsheet
by K1JD@aol.com
88) [55628] KE6RIE Straight key URL
by "Doug Hauff" <slmachco@fix.net>
89) [55629] FS
by Jerry Parker <jparker@fix.net>
90) [55630] RE: Elmer 100: Balun
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
91) [55631] Re: FOXHUNT:Team Scores

by Brian <brian@iquest.net>
92) [55632] did it agn!
by Bruce Ratray <rattray@gpfn.sk.ca>
93) [55633] SS Contest blast.
by Ed Loranger <we6w@qsl.net>
94) [55634] Useless SS Statistics
by Bob Patten <n4bp@bc.seflin.org>
95) [55635] elecraft reflector (qth.net) is down...
by Wayne Burdick <n6kr@elecraft.com>
96) [55636] NORCAL QRP Net Results
by Ed Loranger <we6w@qsl.net>
97) [55637] QRP WSN-40 Net results.
by Ed Loranger <we6w@qsl.net>
98) [55638] (Fwd) Re: [55413] Rechargeable Alkalines?
by "Carl Zmola" <zmola@campbellsci.com>
99) [55639] Shack cleaning
by jim seeber <kw3u@warwick.net>
100) [55640] Re: CONTEST:...for all the wrong reasons
by Charlie Panek <charlie_paneke@agilent.com>
101) [55641] Re: HB:QRP Projects in Altoid Mint Tins
by Charlie Panek <charlie_paneke@agilent.com>
102) [55642] News and Views -- Shack Activities
by Ed Loranger <we6w@qsl.net>
103) [55643] Re: [55413] Rechargeable Alkalines?
by DYARNES@aol.com
104) [55644] ot - stamps
by ac5ez@webtv.net (Larry B)
105) [55645] HELP: Peak Reading mod for WM-2
by Roger Hightower <n7kt@earthlink.net>
106) [55646] 1 V Challenge
by "Steven Weber" <kd1jv@moose.ncia.net>
107) [55647] shack cleaning
by Jimbob <kw3u@warwick.net>
108) [55648] Re: [CQ-Contest] Useless SS Statistics
by Bob Patten <n4bp@bc.seflin.org>
109) [55649] Re: RI FOX: Prelim. Logsheet
by K1JD@aol.com
110) [55650] Re: HB: Thermaleze Wire
by "David D. Meacham" <ddm@datatamers.com>
111) [55651] Re: did it agn!
by K1JD@aol.com
112) [55652] antennas
by Anthony Felino <anthony@pacinfosb.com>
113) [55653] Current WWV Propagation
by "Ed Tanton" <n4xy@att.net>
114) [55654] Re: antennas
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
115) [55655] Re: Carrying case for K2

by "Richard Arland" <r_arland@hotmail.com>
116) [55656] Re: KE6RIE Straight Key
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
117) [55657] rechargeable alkalines
by "Mike Newbold" <newbold@cmn.net>
118) [55658] Re: KE6RIE Straight Key
by GElam30092@aol.com
119) [55659] Re: rechargeable alkalines
by "Mike Yetzko" <myetzko@insydesw.com>
120) [55660] Triple Header F/N+ HUNT Tonight
by Tom Palmer <n1tp@worldnet.att.net>
121) [55661] F/S
by Allan G Taylor <k7gt@arrl.net>
122) [55662] need CX?
by cx8at@adinet.com.uy
123) [55663] Re: HB: Carrying case for K2 or whatever
by Robert McConnell <rmcconne@lightlink.com>
124) [55664] RE: Quicksilver Printing
by "Paul Harden, NA5N" <na5n@rt66.com>
125) [55665] Steve Hideg's Internet QRP Club web page removed
by "Bob Helms" <af5z@inetport.com>

Date: Mon, 8 Nov 1999 18:19:49 -0600
From: "Joe Spencer" <joes@tcjc.cc.tx.us>
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [55541] Wow!
Message-ID: <000d01bf2a48\$234b1bc0\$a500430a@vectra>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Wow!Wow! Wow! (Yes, I like it!)
What a great publication!

Just got my copy of Vol.1 No.1 Fall 1999 QRP Homebrewer from the
New Jersey QRP Club.

This is gonna be "one of those GREAT publications"

- Doug KI6DS collection of "What Kit to build" articles.
- Gary N2GJU article on Homebrewing Printed Ckt Cards
- A great T-Tuner article by Dave Wa2DJN
- An excellent article on "Portable Antennas" by Joe N2CX
- Perhaps the most interesting to me was AA1MY's "Bringing QRP to the Field"
- and even more on:

- UTC
- The Eastern PA QRP Club
 - "the Gummer Winder"
 - Books, Utilities & Websites
- the Tuna tin 2
- Alanticon 2000
- QRP Homebuilder Workshop Ideas
- The Ugly Weekender

A little reminiscent of "HAMBREW" in some areas and like the "Quarterly" in others but with a style and flavor of it's own.

73 Joe KK5NA

 To run from your demon is to have him pursue you.
 It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at <http://www.k5rac.org>
 Visit the FISTS Web page at <http://www.FISTS.org>
 Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>

 Date: Mon, 8 Nov 1999 19:19:55 -0500
 From: "Ron Polityka" <wb3aal@talon.net>
 To: ". QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [55542] Re: [SOLAR POWER] What is suitable for camping ?
 Message-ID: <00f201bf2a48\$2778bfe0\$86e508cf@wb3aal>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

This just came out not too long ago from Uni-Solar.
 I am trying to find out the price. If the price is right,
 it could be a great backpacking panel.

<http://www.ovonic.com/military.html>

72 & 73
 Good DXing

Ron Polityka
 de WB3AAL
 wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aa1/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

| | |
|-----------------|---------------|
| EPA QRP #1 | NJ QRP #179 |
| KL7 QRP # 309 | G-QRP # 3031 |
| ARCI QRP # 5318 | 10 - X #13173 |
| NorCal | Zombie #625 |
| ARS # 380 | HI-QRP #153 |
| VA QRP Society | |

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Mon, 08 Nov 1999 19:25:43 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [55543] Re: CONTEST: Send in the logs!
Message-ID: <19991108.182457.7535.0.N5IB@juno.com>

Well, I done my duty for Chuck, Ed, and the rest of the gang. 206 Q's and 63 sections - waaay more than I've ever done in a contest by myself. The log WILL be sent in pronto.

Biggest disappointment - I had W1AW hooked, he had answered my call, I copied his exchange, but apparently he couldn't copy mine, as I didn't get an acknowledgement and his next Q had the same number. I wanted to lay another "Q" class on him for Ed. Then the band packed in from here.

Best moments - KL7Y (AK), KH7R (HI), W0SD (SD), and N1SW (RI) to finish out QRP WAS (it's taken me since this past January), and operating the DSW-40 in the heat of battle - I'll share a foxhole with it any time. Wish I hadn't been too generous and loaned out the DSW20 for a show-and-tell, I would've never even turned on the store-bought rig. :^)

BTW - these were done the old fashioned way: straight key, paper dupe sheet, handwritten log.
So gang, if even I can do it, so can you.... send 'em in.

PS - question: since I've enough Q's that a dupe sheet is required as part of the submission - and I'm going to e-mail a text file as the log - what's the format for the dupe sheet - the ARRL web site was far short of clear on that point... surely not a typed version of the paper dupe form...

72,

Jim, N5IB and trustee of W5YW, the LSU club station
Baton Rouge, LA
Home QTH: n5ib@juno.com
LSU QTH: giamman@rouge.phys.lsu.edu
web page: <http://www.qsl.net/n5ib>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 08 Nov 1999 18:31:14 -0600
From: Tony <ka9fax@mailbox1.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55544] Vibroplex
Message-ID: <38276B52.FBD22FC1@mailbox1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all, I have a Vib. bug all crome brass plate #239000 some little pits but looks great can some one tell me what its worth tnx 73de Tony KA9FAX Hobart IN.

Date: Mon, 8 Nov 1999 16:36:55 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [55545] Need 7.37 Mhz Crystals
Message-ID: <001e01bf2a4a\$86348a80\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for a cheap supplier of 7.37 Mhz crystal. This is a rather common frequency. BG Micro has some at \$1.49 each, I was wondering if anyone knows a cheaper source. I'm trying to match them, so I may have to buy a bunch of them.

73,

Kory
AC6RN

Date: Mon, 8 Nov 1999 19:39:28 -0500
From: Tom Randall <trandall@idsi.net>
To: qrp-1@Lehigh.EDU
Subject: [55546] Re: [55413] Rechargeable Alkalines?
Message-ID: <199911090039.TAA00697@pop.idsi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rick wrote:

" Was thinking of getting one of them new fangled alkaline battery chargers and was wondering if anyone has used them and what they thought about them ? I think the are called "RENEWAL POWER STATIONS" and require special rechargeable alkaline batteries by the same "RENEWAL" name. Do these batteries last as long as regular alkalines per charge ? And has anyone tried regular alkalines in the charger ? Also, I have seen from time to time a special charger advertised that supposedly charges regular alkalines, has anyone had any experience with these?"

I use them (the AA size) in a Panasonic RF-B65 shortwave receiver and they work great. Been using them for a few years now. The key to these batteries is to charge them often. Don't run them down all the way. I run them about 2 hours on Sunday mornings listening to a gardening show, after another 2 hours I charge them. Only use the charger made for them. They come charged and the are 1.5 volts.

The chargers for regular alkalines are a bunch of nonsense in my opinion, I had one about 4-5 years ago. They do NOTHING. You get the same results as if you just don't use them for awhile then use them again. Don't waste your money on them.

73,
Tom Randall

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS
Mt. Beacon Amateur Radio Club / ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: <http://www1.mhv.net/~trandall/welcome.html>

Date: Mon, 8 Nov 1999 19:45:33 -0500
From: "ai2q" <ai2q@ispchannel.com>
To: <ka9fax@mailbox1.com>, "'Low Power Amateur Radio Discussion'" <qrp-
l@Lehigh.EDU>
Subject: [55547] RE: Vibroplex
Message-ID: <000101bf2a4b\$bb7cdf20\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tony, the brass sounds like it's a Presentation. The "brass" is gold my man.
Does it have red paddles and shorting bar? Or, are the paddles black?

Are there adjustments on the top trunnion point, or is there a small red
glass bearing there instead?

Is there a name stenciled on the bottom (underside)?

I paid \$50 for my used Presentation about ten years ago. I see them gg for
between \$100 and \$200 now. Some guys ask more, but they don't sell 'em!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
Tony
Sent: Monday, November 08, 1999 7:31 PM
To: Low Power Amateur Radio Discussion
Subject: Vibroplex

Hello all, I have a Vib. bug all crome brass plate #239000 some little
pits but looks great can some one tell me what its worth tnx 73de Tony
KA9FAX Hobart IN.

Date: Mon, 08 Nov 1999 19:04:56 -0600
From: Glen Reid <k5fx@flash.net>

To: QRP-1 <qrp-1@lehigh.edu>
Subject: [55548] LOST: N5INZ Where are you?
Message-ID: <38277338.442C1A1E@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

John, N5INZ where are you?

Contact the Austin QRP Club.

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

Date: Mon, 08 Nov 1999 19:00:06 -0600
From: Glen Reid <k5fx@flash.net>
To: AQRQ List <AQRQ@onelist.com>, HQRQ List <hqrq@stevens.com>, QRP-1 <qrp-1@lehigh.edu>
Subject: [55549] CLUB: Austin QRP Club Meeting 11/13
Message-ID: <38277216.6E8868C6@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The next irregular meeting of the Austin QRP Club will be at 11 AM on Saturday, Nov. 13th at Luby's.

Check the AQRQ web page : <http://www.flash.net/~k5hgb/aqrp.html> for details.

Hope to see you all there.

73,

gr

GLEN REID

K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@flash.net

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

Date: 8 Nov 1999 19:12:32 LOC
From: <SFIKE@twa.com>
To: <qrp-1@lehigh.edu>
Subject: [55550] Ugly/Manhattan
Message-ID: <19991108.191232.SFIKE@twa.com>

Anybody have a URL where I can go look at both Ugly and Manhattan construction styles for visual comparisons?

Thanks,
72
Scott

Date: Mon, 8 Nov 1999 19:57:58 -0500
From: "Ronald Hands" <rhands@hwcen.org>
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55551] Re: RAYOVAC Model PS3
Message-ID: <008d01bf2a4f\$b1b6e680\$ef5ed4c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tim Ahrens <tahrens@hilconet.com> wrote:

> This charger charges all three types. (per the box). On the
plastic
> case it is stamped: "Charge only rechargeable Alkaline, Nickel
Cadmium,
> or Nickel Metal Hydride Batteries."
>
> It does them all.

Strange.

I have the Rayovac PS2 charger (which handles up to eight cells at a time) and it specifies that *only*rechargeable alkalines should be used.

The warning, embossed in the plastic case, goes like this:
"Warning: Use only Renewal reusable alkaline batteries. Any other type of battery may explode or leak, causing personal injury and property damage."

-- Ron VE3SP
Hamilton, ON

Date: Mon, 08 Nov 1999 20:19:05 -0500
From: "The One and Only!" <mitch96@pobox.com>
To: hybiske@generalatronics.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55552] Re: Carrying case for K2
Message-ID: <38277689.B7FC56CE@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Hybiske wrote:>

> If you're looking for a case that's waterproof, dustproof, etc,etc, I
> recommend the Pelican cases; expensive, but they'll last a lifetime.
> <http://atlascases.com/pelican.html#pelican>

GR8 site, and they have lap top cases on sale for NINETEEN BUCKS!!
such a deal..

I use one to lug around my KG2ED Merc. Absolutely sturdy..

--

73, mitch ww4ml
lost in the ethers again..
hollyweird fl

Date: 9 Nov 1999 6:21:41 GMT
From: rfoltz@turbonet.com
To: dolledb@cet.com, qrp-l@lehigh.edu
Subject: [55553] Re: ANT: Adjusting GAP Titan?
Message-ID: <01273150033721@turbonet.com>

Dennis,

Refer to Figure 2 of the Titan Assembly Instructions.

The 51" top tuner rod controls 30 m.
The 60" lower tuner rod controls 20 m.
The 30" lower tuner rod controls 17 m.
The 23" extension controls 15 m.
The slotted extender controls 12 m.

I had to add 7 inches to the 23" extension to get 15 m in line. It was initially over 3:1 SWR at the factory settings. My 30 m is around 2:1 and I haven't tried to change it. I've heard of other folks with 30 m difficulties.

Good luck es 73,

Randy
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Tue, 09 Nov 1999 01:23:04 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: mwatt@tn.freei.net
Cc: n5nw@arrl.net, QRP-l@lehigh.edu
Subject: [55554] Mail header test, please disregard.
Message-ID: <38277737.58586811@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

testing

Date: Mon, 8 Nov 1999 18:34:56 -0700
From: "Carl Zmola" <zmola@campbellsci.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55555] Re: Tick Keyer Current Demands
Message-ID: <19991109013228809.AAA45@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

From: NB6M@aol.com
> Just thought I would share this, as I find it amazing.
> The battery I used was a Lithium CR2016 Calculator type battery, which is a
> disk that measures 3/4" wide, and just over 1/16" thick.
>
> I have just had to replace that battery after over a year and a half of
> normal (LOTS of CW) use! For rigs that have their own sidetone, I turn the
> Piezo off. For those that don't, having the Piezo sidetone works well.

Whiterook uses this configuration in their portable keyer/paddle combo.

I also am amazed. I purchased a Whiterook MK-64
<http://electronicsusa.com/mk64.html>
keyer and found it to be amazing. I used it as a practice oscillator, so I
learned to send on a paddle as I was learning the Code.

Hours of practice became easy with this hand sized key.
Now I still use it in the field, but have switched to a benchner at home.
The MK-64 doesn't have much adjustment, and I can't send very fast on it,
but 13wp comes out of it fine. (which is close to my max speed anyway).

I've never replaced the batteries in it, even though my 2 yearold plays with it
quite a bit. (better than the benchner).

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Mon, 8 Nov 1999 18:37:15 -0700
From: "Carl Zmola" <zmola@campbellsci.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55556] Re: [55413] Rechargeable Alkalines?
Message-ID: <19991109013447398.AAA252@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

From: Tom Randall <trandall@idsi.net>

> Rick wrote:
> " Was thinking of getting one of them new fangled alkaline battery chargers
> and was wondering if anyone has used them and what they thought about
> them ? I think the are called "RENEWAL POWER STATIONS" and require
> special rechargeable alkaline batteries by the same "RENEWAL" name. Do

With nimh 1300 or 1350 maH batteries priced at a little over \$2 in fairly small quantities and a smart charger priced at \$22. I wouldn't waste time on rechargeable alkali batteries.

Carl

Carl
zmola@campbellsci.com

Date: Mon, 8 Nov 1999 17:44:10 -0800
From: "Radman" <radman@best.com>
To: <kory@avatar.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55557] Re: Need 7.37 Mhz Crystals
Message-ID: <090701bf2a54\$102d7fe0\$94dd56ce@vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kory,

Jameco has 7.37MHz "high profile" crystals for \$0.79. (#14710)
They have "low profile" rocks for \$0.49.(close-out #137841)
Reference: Catalog #994
Jameco: 1-800-831-4242

Mouser also has a number of choices in the \$0.59 to \$0.79 range.
Reference: Catalog # 600
Mouser: 1-800-346-6873

Both are great to do biz with :)

72,
Conrad - NN6CW

I'm looking for a cheap supplier of 7.37 Mhz crystal. This is a rather common frequency. BG Micro has some at \$1.49 each, I was wondering if anyone knows a cheaper source. I'm trying to match them, so I may have to buy a bunch of them.

73,
Kory
AC6RN

Date: Mon, 8 Nov 1999 20:52:18 -0500
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [55558] OT:Netscape problem
Message-ID: <199911090152.UAA15394@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry for the bandwidth but my YF seems to have lost a lot of the bookmarks associated with Netscape. Any ideas of how I might recover them without having to resort to memory and typing in? Thanks. OBLIGATORY QRP - My K2 is working pretty good - hate to update it, I'll probably solder my thumb to the panel!

Tim K50I

Date: Mon, 08 Nov 1999 18:51:46 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55559] Re: CONTESTS: W5VB0 - SS Score
Message-ID: <38277E32.36315C5E@uswest.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Brian:

First off, ex-W5VB0, congratulations on your official 7-land call; W7RE.
"7's" are so very cool.

Second, let me relate my experience with rebuilding the TT Argosy's PTO. My Argosy II (525D) developed the "big skip" earlier this year; so last May I took the challenge. I contacted Ten Tec and purchased the PTO rebuild kit for about \$25, plus shipping. The instructions provided are adequate, but make sure you fully understand them and note how things go together as you disassemble each mechanism. Once disassembled, you will have to clean the old grease out of each greasy piece that will be reused in the rebuild. I recall using denatured alcohol, Q-tips, and a cotton rag to remove the grease and clean the parts. When everything is free of the old grease you work through reassembly and pack the vernier drive and spring assembly with fresh grease. It is a slippery operation as you are refitting parts, compressing springs, and fastening fasteners, all at the same time!

When I got mine back together it wasn't perfect. It had developed a "creaking" sound and stuck as the knob was turned CCW (I think). A call to Ten Tec resulted in a suggestion of polishing some washers and the ends of a spring, that fit at the back end of the PTO shaft. I did that, but it continued to be sticky. I became a pro at disassembling and reassembling the thing, but unfortunately I could not get the problem corrected. The technician at Ten Tec confessed that they had seen the problem before and they weren't really sure why some of the PTO's had the sticking problem. He told me that they would try different things until they got it fixed.

Rather than waste anymore time, I sent the PTO to Ten Tec. A few weeks later it was returned and the sticking problem was gone, but after installation in the Argosy the rebuilt PTO now began to slip. It had felt too loose right from the return. Once again the PTO was returned to Ten Tec and this time, when received and installed, it felt just like a brand new PTO. For the past 5 months it has been just fine.

I believe Ten Tec charged me \$30 or \$35 dollars for the original labor, and \$0 when I had to send it back. If you pull the PTO out yourself (easily done), it will cost you about \$65 to have Ten Tec rebuild the little beast. The cost may differ somewhat now, but based on my experience it is worth the extra bucks to have them do it.

My Argosy II is great; I think I may just buy another PTO kit for installation in another 15 years!

Regards, Thomas - AC7A (Tucson)

Brian Kassel wrote:

> Folksii:

>

> I ran for about 16.5 hours, mostly on 10, 15 and 20 meters. I only
> searched and pounced, never called CQ even once. Antenna was 3 el
> triband beam up 35'. Rig used was my TT Argosy II with 500Hz CW filter,
> and audio filter options. About halfway through the contest I noticed
> that the PTO has developed the dreaded TT PTO squigly frequency jumping
> syndrome. Has anyone done the TT rebuild mod? Is a big deal?
>

Date: Mon, 8 Nov 1999 21:01:07 EST
From: K2UD@aol.com
To: ai2q@ispchannel.com
Cc: qrp-l@lehigh.edu
Subject: [55560] Re: Vibroplex
Message-ID: <0.79c880bb.2558da63@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I saw a used, rebuilt Deluxe Blue Racer for sale from one of the popular key sites. The owner had the base re-chromed, said it had a few blemishes. Wanted \$350 for it. A bit steep for me.

Glad I waited a year, got a new one from Vibroplex for much less. Had a flaw, sent it back, waiting for it back again. But it is one nice bug!

72

Howard Kraus, K2UD

Date: Mon, 08 Nov 1999 18:58:27 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55561] Re: CONTESTS: W5VB0 - SS Score

Message-ID: <38277FC3.E5DEF7DF@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aaaaah!

A thousand pardons Brian, ex-W5VB0!

K7RE, not W7RE.

Regards, Thomas - AC7A (Tucson)

Date: Mon, 8 Nov 1999 21:10:26 -0500
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [55562] Foxhunt
Message-ID: <19991108.211030.-646821.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

John,

You are doing a great job tonite. Tnx for pulling my call out of the pack.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES
AR QRP #233 QRP-L #1728 NJ-QRP #197 ZOMBIE #709
My Web Page: <http://w2xn.homepage.com/>

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Date: Tue, 9 Nov 1999 02:18:14 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <k5oi@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55563] Re: OT:Netscape problem
Message-ID: <001101bf2a58\$ae55a400\$d842b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Naw, your thumb won't take solder, ul get a 'cold' solder joint even if it
burns like crazy. ;-)
de Steve, W8SFF

Date: Mon, 8 Nov 1999 18:26:02 EST
From: kc8aon@juno.com
To: rengelwb8uoj@juno.com, qrp-1@Lehigh.EDU
Subject: [55564] Re: ANT: cheap vertical ??
Message-ID: <19991108.215624.4655.2.kc8aon@juno.com>

From: kc8aon
Subject: Multiband Vertical Antenna
X-Status: New

It seems that today, most hams have very little space for full size
dipoles for anymore than the highest HF bands. Most hams seem to be able
to put up maybe one or two dipoles for the higher HF bands or they either
opt for something like the famous G5RV and a tuner. Although the G5RV
and a tuner will do a great job on the low bands, as will the dipoles,
they just don't do all that great on DX. The 1/2 wave dipole and the
G5RV are a decent ground wave antenna, and will work some DX, but they
leave a lot to be desired. Most of the time, hams are simply not able to
get their wire antennas high enough to work properly. A half wave
dipole needs to be at least 1/4 wavelength above ground to get the most
out of it, and that translates into a whopping 65 feet at 80 meters !
And when you are talking about an antenna that is 130 feet long, its
almost impossible to fit the darn thing on most city lots. Ok, then what
do I do ? The answer is very simple, use a multiband vertical ! Yes, I
know, most commercially made multiband verticals are very expensive.
Some of the models that I have seen are comparable in price to a tri band
beam, at least with the vertical you don't need to buy a rotator ! But
why not just build your vertical ? Its really not as hard as it sounds.
I built one using an old 5/8 wave 11 meter antenna that a friend gave me
for free ! Poor guy will learn that hams have more fun someday !
Anyway, this 11 meter antenna had an SWR problem so he took it down and
bought a new one, so his loss was my gain. This paticular 11 meter model
was nothing more than a 22' telescopic aluminum radiator, with a matching

coil in its base. To start with, I took the coil apart to see what might be wrong. What I found was simply a bad solder joint in a very cheaply made coil ! The rest of the antenna seemed to be made very good, so I took the 11 meter coil out, and this isolated the radiator from ground. I then started looking around in my junk collection and found a coil that I had been saving. This coil was about 4.5 inches long, about 2 inches in diameter on a fluted ceramic coil form and wound with 14 gauge tinned copper wire. I added this coil to the 22 foot radiator, attaching one end to the bottom of the antenna, and the other end to the SO-239 connector at the bottom of the mounting bracket. Then, wondering where the thing might resonate at, I got out my trusty MFJ-207 SWR analyzer, and my Radio Shack hand held frequency counter. Everyone that plays with antennas should have instruments like these, MFJ even make models that cover HF thru VHF, and have the frequency counter and an impedance meter all built into one neat little box ! Making antenna measurements a snap.

Anyway, back to the project. I connected the SWR analyzer to the antenna, and swept thru the HF spectrum to find a dip in the SWR, what I found was that I had a 1:1 match at slightly below the 80 meter band. Being resonant below the band told me that it was just a tad bit too long, so I moved the bottom coil tap up a couple of turns, and it fell right on in the middle of the 80 meter CW portion of the band. Being only about 1/3 of a quarter wave on 80 meters, its definitely not a band buster, but it will fit almost any where ! The only bad thing about it is that you need to have a good ground system for it to work right. Wire radials seem to work best here, and the more that you add the better. They really need to be at least 1/4 wave long, but in most cases this isn't practical, so put out as many as can be had and as long as you can make them ! And, I might add, they don't have to run in a straight line either ! Now, with that band out of the way, I was looking at all that unused coil space. I grabbed a short piece of wire, installed an alligator clip to one end and fastened the other end to the bottom tap on the coil. Then I started trying different tap points up and down the coil to see where I could make it resonate at. I found that by changing the coil taps, I could resonate the antenna on 40, 30, 20, 17 and 15 meters as well. On these bands, I could cover the whole band with just one setting. Don't be afraid to experiment around with the coil and antenna dimensions, the ones that I used here are what I happened to have on hand so use what you have and see what you can come up with. You may even want to try a remote switching arrangement ! The possibilities are endless. I would like to try a roller inductor and motor combo as a remote tuner, so you see, just try what you have and see if it will work for you. You can even buy (heaven forbid) aluminum tubing at hardware stores, it comes in sizes that will fit one inside the other making it easy to make just about any length that you want. You can wind your own coils, using the ground wire from ordinary house wire and using PVC pipe as the form. I would start with a vertical portion that is about 18 - 20 feet in length, add a capacity hat made from some scrap solid wire about 12 inches long (this goes on top like spokes of a wheel). Figure out a

way to mount it and isolate it from ground and connect your coil to the bottom. You can mount the thing at ground level or you can put it up on a pole like I did and be sure and put at least 4 radials that are cut 1/4 wave for the lowest band of operation under it. If you don't have the room for 1/4 wave radials, just make them as long as you can. It won't radiate as efficiently, but it will radiate ! A compromise antenna, is better than no antenna anytime ! You can do it ! Just use your imagination ! Antennas are no big mystery and you don't have to know all that fancy technology, just put it together, tune it up and try it out on the air - if it works, others will let you know ! If it doesn't, well, they will let you know that also. If it doesn't, just play around with it til it does. no big deal !

72.....kc8aon
Rick McKee <><
Willow Wood, Ohio

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Date: Mon, 8 Nov 1999 22:23:33 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [55565] NEVER HEARD JOHN
Message-ID: <0.9c3028d2.2558edb5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I searched and searched and searched but I was uable to hear John, K1JD. I was using the vertical for a while and decided to switch to the windom. I did hear a bit more activity but never heard a peep from john or any of the Hounds. Not sure if something wrong with my OHR400 or just me. Was listening from about 9:20 til 9:50 local. Mssed you this time John, but not the next time....(already have your QSLJohn, Thanks)
Aron
N10DL
Bedford, NH
QRP-L#1326
FISTS#4110

Date: Mon, 8 Nov 1999 19:26:52 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55566] Re: ANT: cheap vertical ??
Message-ID: <Pine.GS0.4.10.9911081921350.20092-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 8 Nov 1999 kc8aon@juno.com wrote:

> A compromise antenna, is
> better than no antenna anytime !

You bet!!!

> You can do it ! Just use your
> imagination ! Antennas are no big mystery and you don't have to know all
> that fancy technology, just put it together, tune it up and try it out on
> the air - if it works, others will let you know ! If it doesn't, well,
> they will let you know that also. If it doesn't, just play around with
> it til it does. no big deal !

You hit the nail right on the head Rick!

Good post. We need more like it. After all, this hobby is AMATEUR
radio! It's fun to learn how antennas work. But it's even more fun
to use one on the air while you are learning!

OK, back in my hole...

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 8 Nov 1999 22:28:01 EST
From: GElam30092@aol.com
To: wb3aal@talon.net, qrp-1@lehigh.edu
Subject: [55567] Re: [SOLAR POWER] What is suitable for camping ?
Message-ID: <0.c70d3d00.2558eec1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/8/99 5:23:21 PM US Mountain Standard Time,
wb3aal@talon.net writes:

<< f the price is right,
it could be a great backpacking panel.

<http://www.ovonic.com/military.html> >>

I called a local distributor for the price. It was so high, that I didn't even write it down. Military-spec should tell you everything. Seems like it was over \$500 and less than \$1000.

Good luck!
Gerry Elam, K1LR0
PHX AZ

Date: Mon, 08 Nov 1999 22:32:53 EST
From: Rod J Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU
Subject: [55568] HELP: need manuals for Heath tuner and SWR/Power meter
Message-ID: <19991108.203833.17247.37.ka7you@juno.com>

I'm looking for manuals on the Heath SA-2040 Roller Inductor tuner and the HM-102 SWR/Power meter.

Copies are just fine, and of course I will pay resonable charges.

I just need basic schematics and operating instruction sections.

We are setting up an old/new ham, (fifteen years ago he got his general license and never got off 2M) and need to provide some documentation to go with donated gear. The venerable Ten-Tec 509 is now being loaned to its fourth temporary home, and still keeps on ticking.

It just barely tickles the power meter, but until we get a schematic, we can't modify it to do QRP duty. The SA-2040 tuner is definitely a QRO tuner, but seems to be working just fine, (into his 70 foot ladderline fed dipole up 60 feet) until we find something a bit smaller.

He was a navy communications specialist (we called them 'spooks' when they came on the subs), and knows code very well, but has almost no experience sending. He showed up at a club meeting asking lost of questions about HF gear, and wanting to 'get on the air'. Now he has a complete 'loaner' station to use.

Thanks in advance.

Rod Johnson KA7Y0U from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

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Date: Mon, 08 Nov 1999 20:42:18 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L@lehigh.edu
Subject: [55569] To: Walt Amos - Others PLEASE do not read
Message-ID: <3827981A.EFC98FD4@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

Sorry for the bandwidth, but for some reason my E-MAIL to Walt keeps bouncing:

Walt:

Thanks you for taking the time to write. Yep, I'll take a look in there after I use that 3:1 oil. If it works, it sure would be easier than the rebuild. You may have just saved me a bunch of time, Thanks!

Brian K7RE (ex-W5VB0)

Walt Amos wrote:

>
> Brian:
>
> Put a drop of 3 and 1 oil on the bearings before you do any rebuilding and
> see if that fixes it up! Pull the knob and take a look down in there.
>
> Walt K8CV Royal Oak, Michigan QRP-L # 935 ZOMBIE # 188
>

Date: Mon, 8 Nov 1999 21:02:23 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L message" <qrp-l@Lehigh.edu>
Subject: [55570] 99 SS CW
Message-ID: <000501bf2a67\$515b4fc0\$b3ad30d0@primenet.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tough getting in gear for the faster exchanges but by Sun am I was copying and typing S&P in 'real time'. Worked only 6 other QRPs and never heard K7Q0 or KU7Y, tho worked NWT, HI, PR and the likes. Only got in around 13 hours and worked the following:

| Band | QSOs | Points | Mults |
|--------|------|--------|-------|
| 40cw | 29 | 58 | 18 |
| 20cw | 83 | 166 | 20 |
| 15cw | 52 | 104 | 17 |
| 10cw | 19 | 38 | 12 |
| ----- | | | |
| Totals | 183 | 366 | 67 |

Final Score = 24,522 points

Equip: TS850S, 3 el Yagi with 40M dipole at 40+'
ThinkPad w/TRLog6.44, CMOSIII, Kent paddle

Floyd NQ7X Phoenix ScQRPion DM33uq

Date: Mon, 8 Nov 1999 21:10:05 -0600
From: "Chuck Adams K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [55571] CONTEST: CW SS de K7Q0
Message-ID: <199911090406.VAA24211@smtp05.primenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

Looks like dinner on me for Ron, KU7Y, and his wife Carol.

439Qs, 77 sections, and 67,606 points initial tally.

Missed PQ and VI.

- o Found out about 2/3 way through contest I was doing about 150mW to antenna on some bands. My inexperience between switches between antennas and the tuner in/out combos and being half asleep part of the time.

No wonder I couldn't get a frequency and hold it. When I had the right combo with 5W I'd get everyone first call.

- o S&P was a killer this year. Guys/gals were slower than last and lots of people had fill requests for the CK for some reason. Guess the fear of losing points for missed data was a motivation factor to slow things down.
- o Average speed about 26 wpm this year, whereas in previous yrs it was higher.
- o Worked one guy at 40 wpm. He was calling SS QRQ and he meant it. His Q count was low. :-)
- o Broke pileup to VE9 with about 150mW on Sunday, although a small pileup. Not to be critical but he was using a bug and not too many copied his call correctly or the sequence. He was excited about the pileup, inexperienced, and in a hurry. This late Sunday afternoon when I found him on 20m.

And there were a few others. My fear is that they were sending different info and making errors and this will cost others points during the computer crosscheck. Please use the computer. It's less prone to error. (well, I did lose one Q when I accidentally hit alt-W which cleared the entire line of the log --- it's something that we learn to use by instinct to eliminate dupes when S&P (search and pounce) mode is used)

- o Lots of people are going to have score reduction this year. I ran into about 100+ people that gave the "B4 or DUP". I didn't fight it. I could have stayed, argued, got them to enter me again, but hey it's only a contest.
- o Last couple of hours I had worked everyone that I tuned across. Did hold a freq for a while and got the thrill of the whole contest when W7Z0I called me. The 5W at that time really helped.
- o World record holder for Q score in SS, N5TJ, must not have worked this contest very long as I had more Qs when I worked him late Sunday. Oh, he holds the record scores in about all the power classes. I'll bet he did only 4 to 5 hours this year. Watch the summaries in QST.

- o Worked a few Q stations on Sunday that had more than 700 totals.
Everyone had better scores than I did. :-) Turn in the logs gang.

Used Corsair I, WM-1 wattmeter, and Compaq Laptop with CT9.45.
I was using the WM-1 and tuning antennas at 100mW. Then went to 1W and thought I was at 10W and tuned rig for 500mW out. That cost me a lot of Qs for this contest. Next year a digital wattmeter so I won't be so stupid..... Learn something every year.

OK, next month. ARRL CW 10 meter test Q-class with 5 element beam at 7,070'.
Lots of coax but it'll pay off.....

FYI

Chuck Adams K7QO K7QO@hotmail.com <http://www.qsl.net/k7qo/>

Date: Tue, 09 Nov 1999 03:38:18 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55572] Re: NEVER HEARD JOHN
Message-ID: <3827972A.65B5B420@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aron: something must be wrong with your set up.

You should have heard hounds from Cal. to Florida. John did because he worked 'em, including Floyd, NQ7X, in AZ.

Propagation-wise, you're no that far from John.

73, Tom, N1TP

N10DL@aol.com wrote:

> I searched and searched and searched but I was uable to hear John, K1JD. I
> was using the vertical for a while and decided to switch to the windom. I did
> hear a bit more activity but never heard a peep from john or any of the
> Hounds. Not sure if something wrong with my OHR400 or just me.
> Was listening from about 9:20 til 9:50 local.
> Mssed you this time John, but not the next time....(already have your
> QSLJohn, Thanks)
> Aron
> N10DL

> Bedford, NH
> QRP-L#1326
> FISTS#4110

Date: Mon, 8 Nov 1999 20:32:24 -0800 (PST)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [55573] Re: RAYOVAC Model PS3
Message-ID: <199911090432.UAA28452@netcom.com>

>Well, it shouldn't come as a surprise, what with the processors used
>in everything nowadays, and the fact that it's almost mandatory to
>have a uC in there to do the Renewals. Still, I didn't expect it!

Actually, there would be a plus with this multi-purpose design, because
the ROV would then be able to charge NiCd/NiMh SINGLES, while most other
cell chargers depend on you doing 2 or 4 at the same time (a problem
for some of my gear which wants an odd number of cells).

Dave

Date: Mon, 8 Nov 1999 20:41:44 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Chuck Adams K7QO <k7qo@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55574] Re: CONTEST: CW SS de K7QO
Message-ID: <Pine.GS0.4.10.9911082029510.20557-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

One quick note....I worked 51 other Q class stations in
the SS! That's got to be a record for me!

On the contest reflector someone mentioned that they
worked a LOT more Q class stations than ever before!

On Mon, 8 Nov 1999, Chuck Adams K7QO wrote:

>
> Looks like dinner on me for Ron, KU7Y, and his wife Carol.

>

Wheeeeeeee. Being the very shy and humble person I am I'll not do any teasing or kidding.....now..... :-)

> o Average speed about 26 wpm this year, whereas in previous yrs
> it was higher.

Yep! Even the NA Sprint, what I think is the fastest contest around saw very few 35-40 wpm stations....most were down to at least 30!

Big score reductions for errors made it's point!

> Not to be critical but he was using a bug and not too many copied
> his call correctly or the sequence. He was excited about the pileup,
> inexperienced, and in a hurry.

I love bugs when used well. But I asked one guy for a repeat on his call sign and he sent it 3 times. Each time it was a different call!

>
> o World record holder for Q score in SS, N5TJ, must not have worked
> this contest very long as I had more Qs when I worked him late Sunday.
> Oh, he holds the record scores in about all the power classes. I'll
> bet he did only 4 to 5 hours this year. Watch the summaries in QST.

And this is the same Jeff who operated over at EA8BH during the CQWW SSB contest that made the Zombie event a challenge. He is the first person to ever go over 10,000 QSO's as a single operator!

Try that on for size! This fellow is GOOD!

> ... Learn something every year.
>

That's what makes contesting so much fun. You can always see how much you have improved and how much more you CAN improve!

All while having fun!

> OK, next month. ARRL CW 10 meter test Q-class with 5 element beam at 7,070'.
> Lots of coax but it'll pay off.....

Another fun contest. CW class, SSB class and combo class all going at the same time! Something there for everyone!

I'd try SSB but these people all talk too fast. There really should be a rule about not being able to talk that fast. Now if they would slow down they would get more people to understand them.....

: -)

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 8 Nov 1999 23:43:41 EST
From: K1JD@aol.com
To: qrp-l@lehigh.edu
Subject: [55575] RI FOX - beaten to a pulp
Message-ID: <0.c39f521.2559007d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

All:

Too tired to post the log tonight, but what began as a pretty decent contact rate deteriorated badly especially in the second hour. Signals began to have that watery sound I associate with "solar events" starting at about 0145z, plus the QRN came up to S3. QRN and watery, weak signals are not a good combination :- (

The real nail in it was a local noise source which would come and go at S5 and would not be reduced in the slightest by the noise blanker. At least it wasn't continuous! Ignition noise is very effectively suppressed working the K2 mobile cw, but whatever the source of THIS noise the NB couldn't touch it. Aaarrruggghh!

To all those folks whose signals I just couldn't pull out of the ether, sorry I missed you tonight. About 68 +/- make it into the log. Thanks to everyone who tried!

PS, I'd swear I heard the word "MOM" sent just once somewhere in the

middle of the 2 hour period!

73,

John K1JD

Jamestown, RI

K2 SN's #139 & #583

G5RV at 40'

Date: Mon, 08 Nov 1999 23:35:06 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [55576] CONTEST: QRP SS Summary K8DD
Message-ID: <4.1.19991108230917.00c152b0@mail.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

| band | QSOs | points |
|-------|------|--------|
| 160 | 0 | 0 |
| 80 | 76 | 152 |
| 40 | 147 | 294 |
| 20 | 68 | 136 |
| 15 | 85 | 170 |
| 10 | 59 | 118 |
| ----- | | |
| TOTAL | 435 | 870 |

X 77 multipliers = 66,990

Missed VE2 and VI. Heard both of them, but they were in Search & Pounce mode.

CQing was not as productive as I remember it from last year, although I had more QSO's this year.

Q stations that I worked:

| | | | | | |
|--------|-------|-------|--------|--------|-------|
| AA1CA | AB0GO | AE0Q | AF9J | K1TR | K3AN |
| K6EIL | KC3N | KC4WQ | KG5U | KK7A | |
| KT5X | KX7L | N0AX | N0RC | N6MU | N7IR |
| N7OU | N8CQA | N9AW | VE6BF | W0AH | |
| W0UA | W1CSM | W1EAT | W1QK | W2CS | W5VBO |
| W6IO | W6JTI | W9NJP | WA8RJF | WA8VNZ | |
| WB0GAZ | WD3P | | | | |

73 Hank K8DD

Date: Mon, 08 Nov 1999 23:48:13 -0400

From: KD1YV <kd1yv@mindspring.com>
To: nielsen@primerenet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55577] Re: Interesting equivalents for 5 watts?
Message-ID: <3.0.5.16.19991108234813.37072204@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:12 PM 11/7/99 -0700, Bob Nielsen wrote:
>5 watts = .006705 horsepower

Or stated another way, "a hair over two thirds of a milli-horsepower."

Say, how tall is a milli-horse, anyway?

72/73 de Jim, KD1YV

Date: Mon, 08 Nov 1999 23:52:36 -0400
From: KD1YV <kd1yv@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [55578] Re: Interesting equivalents for 5 watts?
Message-ID: <3.0.5.16.19991108235236.37075432@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oops, right as I clicked the send button, I realized that my math was wrong. It must be Monday!

Make that "a shade over two thirds of a centi-horsepower."

72/73 de Jim, KD1YV

>At 08:12 PM 11/7/99 -0700, Bob Nielsen wrote:
>>5 watts = .006705 horsepower
>
>Or stated another way, "a hair over two thirds of a milli-horsepower."
>
>Say, how tall is a milli-horse, anyway?
>
>72/73 de Jim, KD1YV
>

Date: Mon, 8 Nov 1999 21:00:12 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@LeHigh.edu>
Subject: [55579] KE6RIE Straight Key
Message-ID: <199911090457.UAA16272@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Yow! A pile of inquiries! Here it is:

Compact key is just under 3 inches long, 1 inch squared: CNC machined from 361 brass and 6061-T6 aluminum, anodized a brilliant blue, has a clear plastic paddle with an anodized aluminum knob. Closing force is magnetic, adjustable, height and spacing adjustable. Terminals are mounted in a notch milled out of the bottom of the base, the key is balanced such that no restraint is needed: set it on a table and have at it! There is a 6-32 tapped hole in the underside for mounting where desired, weight is three and a half ounces. It is guaranteed for life (yours or mine, whichever), sells for \$44.95 + \$4 shipping, plus tax in the Land Of Fruits And Nuts. I have about 65 keys in stock. Pictures will be on my web page in a day or two.

Thanks for all the interest!!

72, Doug Hauff KE6RIE

Date: Mon, 8 Nov 1999 21:11:39 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@LeHigh.edu>
Subject: [55580] KE6RIE Straight Key Address
Message-ID: <199911090509.VAA18249@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

UUHHH...Duh....

San Luis Machine Co.
200 Suburban Road #F2
San Luis Obispo, CA 93401

72 Doug KE6RIE

Date: Mon, 8 Nov 1999 22:05:44 -0700
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55581] CONTEST: N0RC SS perf. Abysmal
Message-ID: <007301bf2a71\$aaa87120\$308611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WARNING THIS IS NOT A HAPPY DANCE MESSAGE, IT'S A REALITY CHECK!

RESULTS:

140 Q's in 14 Hr's and I'll bet many are flawed. I just couldn't copy the fast (for me) CW. So I fell back to "Cherry Picking" the strong stations S&P. I'd listen to their exchange over & over until I got it, then called. Some just weren't getting takers so I called with out my "pre-copy". The only bright spot for me was "getting" through to almost every station I called in only 2 or 3 try's.

After the first hour or so I thought this is not fun, and was ready to throw in the towel! But I said I would do it and I stuck it out for 14 miserable hours. It was very embarrassing to return a NR in the low double digits, 10, 20...etc, to a station send a count in the hundreds. Late Sun one station sent me a count of over 1200 I sent back 100 maybe 110.

_OBSERVATIONS & _CONCLUSIONS:

O: The really goods ops sent CKs in the 60's, 50's, 40's.

C: It takes _many_ years of practice & experience to get really good.

O: Most stations I called were working in the 30WPM range, I called at 20WPM. Almost every one slowed down to send their exchange, without me asking. If they did send fast, I'd QRS and they obliged.

C: The OPs in this contest were the most polite and accommodating bunch I ever came across. A tip-o-the-hat to them all!

O: I did poorly.

C: I have to decide if this high intensity contesting is for me, it's going to take a lot of work to get good at it.

O: Got a lot of fill requests for my CK (98).

C: I kept wondering if these guys were incredulous of the fact that such a newbie would be in this contest. (I also wondered how many were annoyed to have to QRS. I honestly felt like more of a nuisance, than a participant.)

For now it's sprints, FOX hunts and QSO parties, ONLY. I'll decide next year about doing this again. If I do, I'll do a fixed time of only four hours or so, take what I get & send in my log; for the sole purpose of making a "Q" presence.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Mon, 8 Nov 1999 21:22:53 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55582] CONTEST: SS Info to 3830
Message-ID: <Pine.GS0.4.10.9911082118370.20916-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

A very simple way to post your raw score for all to see on the 3830 list is now at:

<http://www.hornucopia.com/3830score/>

It is a "fill in the blanks" pages and makes it simple to get all the data included.

3830 is the 80m SSB spot where the post contest scores are given. Getting into the mess is not something I like!

But this page makes life so much nicer!

And on 3830 you get to see how everyone did. It would be nice if everyone could take the few minutes to post there. Another good place to show that QRP is growing!

Thanks,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Tue, 09 Nov 1999 01:32:21 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [55583] FOX K1JD
Message-ID: <382779A5.32280596@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K1JD, John in R.I., was sitting up high tonite AND I was hunting with new sniper's rifle with high powered scope. Got him at 0108. Transmitted down .70. Band sounds in good shape. I predict John will have a long LOG if propogation holds up.

Cheers.

N1TP, Tom, Naples, FL. QRP-L 1317.

GO SWAMP RATS! Get after them Pesky Texans.

Date: Mon, 8 Nov 1999 19:56:12 -0500
From: dfirlik@juno.com
To: qrp-l@Lehigh.EDU
Subject: [55584] Re: Admin: ?? "<owner-qrp-l@LeHigh.edu>"
Message-ID: <19991109.010847.-252567.14.dfirlik@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

FWIW:

I am using JUNO 2.0 [Build 11} according to my "About Juno" menu. I sent a "test" to the list today and the complete header that returned is below. No trace of the "<owner-qrp-l@LeHigh.edu>" I do not have Juno Web service.

I have Juno 1.49 on my laptop. If you wish a "test" sent from that version, let me know.

Don K8AQZ
Grand Rapids, Michigan

=====

From: dfirlik@juno.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Mon, 8 Nov 1999 12:01:10 -0500
Subject: test - do not read
Message-ID: <19991108.120121.-252567.1.dfirlik@juno.com>
Sender: owner-qrp-1@Lehigh.EDU
Return-path: <owner-qrp-1@Lehigh.EDU>
Reply-To: dfirlik@juno.com
Received: from mx1.boston.juno.com (mx1.boston.juno.com [205.231.100.51])
by m9.boston.juno.com with SMTP id AAA6CQB92ADJ694S
(sender <owner-qrp-1@Lehigh.EDU>);
Mon, 8 Nov 1999 12:27:20 -0500 (EST)
Received: from astro.CC.Lehigh.EDU (astro.CC.Lehigh.EDU [128.180.39.2])
by mx1.boston.juno.com with SMTP id AAA6CQB9ZA6S62VA
(sender <owner-qrp-1@Lehigh.EDU>);
Mon, 8 Nov 1999 12:27:19 -0500 (EST)
Received: from localhost ([127.0.0.1]:33796 "HELO astro.CC.Lehigh.EDU")
by astro.CC.Lehigh.EDU with SMTP id <75634-444>; Mon, 8 Nov 1999 12:20:11
-0500
Received: from nss4.CC.Lehigh.EDU ([128.180.39.1]:64941 "EHLO
nss4.cc.lehigh.edu") by astro.CC.Lehigh.EDU with ESMTP id <76923-447>;
Mon, 8 Nov 1999 12:12:14 -0500
Received: from m9.boston.juno.com (m9.boston.juno.com [205.231.100.195])
by nss4.cc.lehigh.edu (8.9.3/8.9.3) with ESMTP id MAA79558
for <qrp-1@Lehigh.EDU>; Mon, 8 Nov 1999 12:02:58 -0500
Received: (from dfirlik@juno.com)
by m9.boston.juno.com (queuemail) id EQWU3BUG; Mon, 08 Nov 1999 12:02:02
EST
X-Mailer: Juno 2.0.11
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

TEST

Don K8AQZ
Grand Rapids, Michigan

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 09 Nov 1999 01:14:14 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [55585] Re: CONTEST: NØRC SS perf. Abysmal
Message-ID: <3.0.32.19991109011411.00754888@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:05 PM 11/8/99 -0700, you wrote:
>WARNING THIS IS NOT A HAPPY DANCE MESSAGE, IT'S A REALITY CHECK!
>
>RESULTS:
>
four hours or so, take what I get & send in my log; for the sole
>purpose of making a "Q" presence.
>
>---
>72/3 Rod, NØRC -- Fort Collins, CO

Rod, I stopped thinking about scores years ago. I would much rather
have a good ragchew and learn about a new friend.
Ops with a high estrogen level are ok in contests but I prefer more
friendly ops who have less than 1k QSOs in the last hour and remember
your name....It's a perspective type thing...
73 Pete NV4V

Date: Tue, 09 Nov 1999 04:59:05 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: K1JD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55586] Re: RI FOX - beaten to a pulp
Message-ID: <3827AA18.E4887655@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John, you did a FINE job!

Yep, you must have had some local hash because hounds were calling you
throughout the entire 2 hours. There was an amazing lack of lulls.

I heard Floyd, NQ7X, bag you crisp and clear here in Florida. Of course, that means

Floyd is 5 for 5. I don't recall hearing THAT many Pesky Texans this evening (relative to the total). Perhaps it was me not paying complete attention.

ALERT: I predict K1JD is going to be in the running for maximum total cumulative FOXII bagged this season.

Tom, N1TP, Naples, FL. QRP-L 1317.

K1JD@aol.com wrote:

> All:
> Too tired to post the log tonight, but what began as a pretty decent
> contact rate deteriorated badly especially in the second hour. Signals began
> to have that watery sound I associate with "solar events" starting at about
> 0145z, plus the QRN came up to S3. QRN and watery, weak signals are not a
> good combination :-(
> The real nail in it was a local noise source which would come and go at S5
> and would not be reduced in the slightest by the noise blanker. At least it
> wasn't continuous! Ignition noise is very effectively suppressed working the
> K2 mobile cw, but whatever the source of THIS noise the NB couldn't touch it.
> Aaarrruuggghh!
> To all those folks whose signals I just couldn't pull out of the ether,
> sorry I missed you tonight. About 68 +/- make it into the log. Thanks to
> everyone who tried!
> PS, I'd swear I heard the word "MOM" sent just once somewhere in the
> middle of the 2 hour period!
> 73,
> John K1JD
> Jamestown, RI
> K2 SN's #139 & #583
> G5RV at 40'

Date: Mon, 8 Nov 1999 23:18:07 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [55587] What's 30M like these days?
Message-ID: <001101bf2a82\$91dda3c0\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just started working on a 30M homebrew rig, and I've been listening to 30M on my other rigs just to see what the band is like since I'm not active on that band very much. In the evening on west coast, it seems to be very dead. I don't think I heard more than 2 QSO on the entire band. Is it always like this? When is the best time to be on 30M?

Tnx es 73,
Kory
AC6RN

Date: Tue, 09 Nov 1999 01:35:41 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [55588] FOX K1JD
Message-ID: <38277A6D.7D7C807A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K1JD, John in R.I., was sitting up high tonite AND I was hunting with new sniper's rifle with high powered scope. Got him at 0108.

Transmitted down .70. Band sounds in good shape.

I predict John will have a long LOG if propogation holds up.

He was 599 here in SW Florida.

Cheers.

N1TP, Tom, Naples, FL. QRP-L 1317.

GO SWAMP RATS! Get after them Pesky Texans.

Date: Mon, 8 Nov 1999 19:46:32 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <Bigbob97@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55589] RE: HB Li-Ion batteries
Message-ID: <NBBBJDEEIFDDANGEGHLBKEHMHKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Mutually exclusive terms: "Not-Too-Expensive" and "Lithium-ion battery"

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 9 Nov 1999 03:20:24 EST
From: DYARNES@aol.com
To: k7qo@primenet.com, qrp-1@lehigh.edu
Subject: [55590] Re: CONTEST: CW SS de K7QO
Message-ID: <0.ee719560.25593348@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/9/99 4:08:00 AM !!!First Boot!!!, k7qo@primenet.com writes:

<< Looks like dinner on me for Ron, KU7Y, and his wife Carol.

439Qs, 77 sections, and 67,606 points initial tally.

Missed PQ and VI. >>

Hi All,

Well both you guys (and a lot of others too) clobbered me! I got 201 QSO's in 68 sections (46 states) for 27K+ points. Operated about 8 hours--log says 9+, but over an hour of that was when I took a break and went out to clean the back seat of my pick'em up truck and forgot to log out on my nifty SS software. Besides, I can't sit still for much longer than I did anyway. I'm usually only good for 4 or 5 hours in these deals, but I guess I was having too much fun.

I want to particularly pass on my approval and appreciation for the SS software created by Scott, N3FJP. Doug Hendricks did a post about it earlier, so I won't go on in detail, but it really works well. It was a freebie too! Super job Scott.

I worked mostly on 40 and 20. Tried 80 a bit, but not a lot going on there. I intended to try 15 and 10, but just never got around to it. Actually, I was kind of focused on trying to work someone in San Diego, and I knew I

probably wouldn't do that on 15 or 10. I can't believe I missed that section! Rhode Island and North Dakota were my missing states. (By the way, Scott's software keeps a highlighted list up on the screen showing which sections you have worked and which ones you are missing. I suppose all the software packages do that, but his is very well organized and easy to use). Missed a bunch of the Canadian provinces, but did get a V01--at least that was some consolation. Sure didn't hear any VE8's or VE9's though!

One of the more frustrating things was trying to break a very large pile up to work N7NG up in Wyoming. It took me about 20 minutes, and it was on 20 meters too (40 might have probably been better for me considering distance and antenna). Anyway, I wasn't going to give up, and I finally got him. It usually doesn't take me that long, but believe me, there were lots of sledgehammer signals trying for that guy. Anyway, less than an hour later I stumble across an N-ZERO, grab him on the first try, and he comes back with "WY" as his section! GRRRRR!. All that wasted time on N7NG! Go figure!

I worked W0UA ("Q" class, of course) just before the close, and he had 795 contacts. Sounds pretty formidable to me, but I don't think he's the winner. Several hours earlier I worked W4PA, who was running "Q" class in Tennessee, and he had 770 QSO's then. I think I'm betting on him. One guy that was really knocking them down was W0SD in S. Dakota, but he was "B" class and that was Sunday morning. I didn't start until Saturday evening, and one of the first stations I worked was N5KO in S. Texas who had 661 Q's at that point. I've got to think his "Q" count/hour was right up there near the top.

So, a good time was had by all. I know I had fun just trying to work as many sections as I could, and grabbing QSO's as I went sniffing up and down the band. I know I'm not going to stick with it long enough to win anything, so that's the perfect objective for me.

I worked AC7A and WE6W from our QRP-L group, and I heard someone else working Brian, W5VB0 (now K7RE). I also thought I heard someone working Ron, KU7Y.

Enough from me. Hope everyone else had fun too.

72 de Dave W7AQK

Date: Tue, 09 Nov 1999 03:25:08 -0800
From: Timothy Herron <drboom@bright.net>
To: "qrp-l@LeHigh.edu" <qrp-l@Lehigh.edu>
Subject: [55591] Quicksilver Printing
Message-ID: <38280494.50D8FD6A@bright.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I ordered the Data Book and a 2N2/40 book from Quicksilver Printing about 4 weeks ago, I have not recieved them yet. Has anyone else ordered any of these book and about how long did it take to get them? Also, does anyone know of a phone for this company?

TIA

Restless in Ohio
Tim NM8Y

Date: Tue, 9 Nov 1999 03:44:39 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: qrp-1@Lehigh.edu
Subject: [55592] CONTEST: Almost a SWEEP
Message-ID: <19991109.034456.7670.4.N2TPA@juno.com>

Gang,

 Ringin in my ears has finally stopped. I pulled 234 Qs in 75 sections. Not fantastic, but better than last year!

 I missed MAR, NL, QC, and VI. Worst part was that I heard NL, QC, and VI. I just couldn't bust the pile-ups!!

 I've GOT to work on my TX CW speed. I refuse to use a computer to do my sending, so I guess I'll need alot more practice with my keyer.8>)

 Like everyone's said, turn in your log. Even if you've got 5 Qs. Let them know we're here.

73,

Bill
Q W2EB 87 WNY

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 9 Nov 1999 04:20:06 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: <n2tpa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55593] Re: CONTEST: Almost a SWEEP
Message-ID: <00a001bf2a93\$9d6eb2e0\$35451b3f@win98>

> I've GOT to work on my TX CW speed. I refuse to use a computer to
do my sending, so I guess I'll need alot more practice with my keyer.8>
> Q W2EB 87 WNY

My hat's off to Bill and the rest of you who are "purists". I am working
hard to learn the code at 13wpm (testing this weekend) and it's a bit sad
that I'll need a computer to decipher a good portion of the testers out
there, due to their penchant for using a keyboard to operate in said
contest.

Even some of my friends, who have encouraged me to work at my speed are
using them! What a shame. I thought this was supposed to be a Hobby
where technical excellence surpassed our laziness.

Sorry if I stepped on toes, but this is a sore subject for me. If I can get
good at sending/receiving at 30wpm, so be it.....but it will NOT be with the
aid of a computer-bank on it.

Off my soapbox,
Erv W8ERV

Date: Tue, 9 Nov 1999 17:46:56 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [55594] RE: ELMER300: 2N2/15 Design Lightoff
Message-ID: <19991109094656.SD0I509@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:57 AM 11/5/99 -0500, you wrote:

>At 06:48 PM 11/4/99 +0800, you wrote:

>>

>>I AM POSTING THIS TO THE LIST IN THE HOPE THAT OTHERS CAN ALSO BENEFIT FROM
>>OUR DISCUSSION.

>Sly...that was a good idea. I'm going to post a general inquiry
>to the list in hopes that hams in other 3rd world countries will
>provide some feedback on the availability of various parts in their
>country. That will perhaps make some of the design selections
>easier to figure out.
>72 for now, and thanks for the ideas and feedback.
>
>Jim, K8IQY

Ok Jim & Gang,
VFB...

This should generate more ideas and discussions on the topic, thus leading
to a better 2N2/15 !

CU ALL de Sly, 9M8SL

Date: Tue, 9 Nov 1999 06:11:04 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: KD1YV <kd1yv@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55595] Re: Interesting equivalents for 5 watts?
Message-ID: <Pine.GS0.4.10.9911090610240.14081-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>At 08:12 PM 11/7/99 -0700, Bob Nielsen wrote:
>>5 watts = .006705 horsepower
>
>Or stated another way, "a hair over two thirds of a milli-horsepower."
>
>Say, how tall is a milli-horse, anyway?

My horse is 16 hands. So, I's say about a pinky finger nail.

-73-

LB

Date: Tue, 09 Nov 1999 06:55:11 -0500
From: Charles Greene <cgreene@loa.com>

To: slmachco@fix.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55596] Re: KE6RIE Straight Key
Message-ID: <4.1.19991109065222.0097b6c0@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:00 PM 11/8/99 -0800, Doug Hauff wrote:
>Yow! A pile of inquiries! Here it is:

Sounds great, but I am looking for a keyer paddle
suitable for portable operation. Have any? Know of any?
The ones I have seem to weigh as much as my K2 :-)

Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator
w1cg@arrl.net

Date: Tue, 09 Nov 1999 07:07:58 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55597] Re: ANT: cheap vertical ??
Message-ID: <38280E9E.7722@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick,

You did a good thing in reviving that old CB antenna! It is an
excellent use of worn out gear. The idea of making an 'all band'

vertical is good and you have shown how easy simple antennas are to work with! There is nothing to be scared about, especially if you have a little test equipment.

However, next time you might consider either a top loaded vertical or a center loaded vertical. They aren't much harder to build and they get out a lot better.

They also need a good ground under them. QST tests have shown that there is a 'point of vanishing returns' to grounding systems. More than 20 radials over .2 wavelength (I believe) don't add enough to make a difference, the next step is 100 or more! BTW, an elevated vertical is more closely called a 'ground plane' antenna, and the radiation pattern is dependent on the angle of the ground plane (the wires).

Again, I congratulate you for making something out of nothing. Oh, and places like Home Depot have electrical conduit for those of you who don't have a friendly CBer!

73

Date: Tue, 9 Nov 1999 06:49:49 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: kd1yv@mindspring.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55598] Milli-horsepower
Message-ID: <2D343922E283D211945C0008C7A41B2AFB5586@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Isn't 0.006705 horsepower ALREADY 6.705 milli-horsepower? Much greater than "... a smidgen over two thirds of a MILLI-horsepower!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: KD1YV [SMTP:kd1yv@mindspring.com]
Sent: Monday, November 08, 1999 9:48 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Interesting equivalents for 5 watts?

At 08:12 PM 11/7/99 -0700, Bob Nielsen wrote:
>5 watts = .006705 horsepower

Or stated another way, "a hair over two thirds of a milli-horsepower."

Say, how tall is a milli-horse, anyway?

72/73 de Jim, KD1YV

Date: Tue, 9 Nov 1999 07:53:50 -0800
From: John Payne <paynej1@strato.net>
To: qrp-l@lehigh.edu
Subject: [55599] Re: Quicksilver Printing
Message-ID: <SAK.1999.11.09.eqapfdta@computer>
MIME-Version: 1.0
Content-Type: Text/Plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8Bit

I ordered the 2n2/40 book from them just over a week ago, and this is rather unsettling to hear! My 2n2/40 kit came from Dan's in 9 days, and my board set in about 6, so I am eagerly awaiting the book. BTW; I am having better luck using tiny slivers of hot-melt glue and my soldering iron to set the pads. Tried it with super glue, but was not nearly as easy to set them. With the hot-melt, the pads can be moved if needed, and as clumsy as I can be at times, it's less trouble than super glue. I found that it is very easy to get too much super glue on the spot, and then you have a mess, because the stuff doesn't set right.

72/3 John N4FLJ

Date: Tue, 09 Nov 1999 07:00:40 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [55600] FOX Wed.: NF9K/Minnesota!
Message-ID: <LDJFKHFKDKDBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

Hounds and Houndettes,

Boy, oh boy, is this going to be fun! As a father of a three-year-old son and 1-

year-old daughter, my radio privileges are really limited these days. So help me get my radio fix tomorrow evening and bag me! Hit me hard! I wanna hear ALL of ya!

I will be the FOX from 0100-0300 Zulu, or 7:00-9:00 P.M. CST. I will be on 7042 Khz +/- for least QRM. I do have RIT and I will use it, so you do not need to be right on my frequency to bag me! The exchange, as you might have guessed, will be:

(your call) RST MN JOEL 1233 (your call) BK

Setup will an OHR-400 @ 4 W into an 80-meter horizontal loop @ 24 feet with an MFJ-941D tuner. I will have my IC-740 ready in the wings as backup, but don't expect it will be needed. Last night, I could hear many hounds and the fox equally well, so I hope to bag many east and left-coasters!

You are a polite bunch of folks and I'd request that you keep that in mind when calling. Try your hardest to not call on top of me when I am transmitting. LISTEN, LISTEN, LISTEN. I will try to do the same, and we will all be happy! But mistakes to happen, and I promise there will be no hard feelings in the final analysis! This is supposed to be fun!

'Nuf said! Hope to hear you Wednesday from all corners of this great land of ours!

Joel, NF9K
(a juicy pelt!)

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Tue, 09 Nov 1999 07:06:40 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [55601] FOX: Time Clarified
Message-ID: <FAAMHJNFHPDBAAAA@shared1-mail.whowhere.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

Just to clarify,

I will be the FOX from 0100-0300 Z on THURSDAY, WHICH IS 7:00-9:00 PM ON WEDNESDAY.

I think you all know that by now, but just wanted to be clear since I forgot to put the actual day in the text of my message.

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Tue, 9 Nov 1999 06:19:15 -0700
From: "al dawkins" <alk0frp@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [55602] SS CW 99 K0FRP
Message-ID: <004401bf2ab5\$0621f880\$3b02090a@adawkins.hsacorp.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

9 min air time 5 q's 5 sec 50 pt's

Software problem crash CT-9

One application had no new Prec, the other Application had no CW keyer, there may have been a simple fix but I was too far gone.

Next Program will be NA software

Don't want to talk about it I'm too P-----t

First time in many years I did not attempt to do my best

Is this contest rage, like road rage, or is it just frustration

I could have paper logged with no dupe check but Why ?

I took the SS cw 99 off and worked on my new AMD K6-2 500 MHz computer.

Look OUT SS SSB 99 in two weeks.

No reply necessary, you all know I am competitive but this time was the straw.

I have VENTED

Al K0FRP

Date: Tue, 9 Nov 1999 07:26:54 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: w6toy@erols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55603] RE: ANT: cheap vertical ??
Message-ID: <2D343922E283D211945C0008C7A41B2AFB558D@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain

I agree that Rick showed both initiative and inventiveness is re-working that old CB antenna -- saved a lot of bux too!

While the center-loaded vertical (element) is slightly more efficient in terms of radiation, it's "improvement" is usually "eaten up" by the resistive losses in the loading inductor (center-loading requires more inductance than a base-loaded antenna) and the mechanical stability problems that come with center-loading.

A "top hat" on the shortened vertical radiator and an effective ground plane will do more for overall performance improvements than anything else.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Bruce Muscolino [SMTP:w6toy@erols.com]
Sent: Tuesday, November 09, 1999 6:08 AM
To: Low Power Amateur Radio Discussion
Subject: Re: ANT: cheap vertical ??

Rick,

You did a good thing in reviving that old CB antenna! It is an excellent use of worn out gear. The idea of making an 'all band' vertical is good and you have shown how easy simple antennas are to work with! There is nothing to be scared about, especially if you have a little test equipment.

However, next time you might consider either a top loaded vertical or a center loaded vertical. They aren't much harder to build and they get out a lot better.

They also need a good ground under them. QST tests have shown that there is a 'point of vanishing returns' to grounding systems. More than 20 radials over .2 wavelength (I believe) don't add enough to make a difference, the next step is 100 or more! BTW, an elevated vertical is more closely called a 'ground plane' antenna, and the radiation pattern is dependent on the angle of the ground plane (the wires).

Again, I congratulate you for making something out of nothing. Oh, and places like Home Depot have electrical conduit for those of you who don't have a friendly CBer!

73

Date: Tue, 9 Nov 1999 08:24:36 -0800
From: John Payne <paynej1@strato.net>
To: qrp-l@lehigh.edu
Subject: [55604] RE: Quicksilver Printing
Message-ID: <SAK.1999.11.09.bnreciqc@computer>
MIME-Version: 1.0
Content-Type: Text/Plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8Bit

Tim and gang:

Here is an Email address I found for Paul Hardin NA5N who runs Quicksilver Printing. Hope this helps!

pharden@aoc.nrao.edu

72/3 John N4FLJ

Date: Tue, 09 Nov 1999 08:39:54 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Cc: n1nd@arrl.org, w1aw@arrl.org
Subject: [55605] Re: CONTEST: Send in the logs\
Message-ID: <3828242A.66C9@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

n5ib@juno.com wrote:

> Biggest disappointment - I had W1AW hooked, he had answered my call, I
> copied his exchange, but apparently he couldn't copy mine, as I didn't
> get an acknowledgement and his next Q had the same number. I wanted to
> lay another "Q" class on him for Ed. Then the band packed in from here.

Dan came and talked to me yesterday morning and he told me that there
was one Q station that he couldn't quite pull out. He got the call, and
"Q" but then he simply couldn't get the rest.

The good news is that, although it wasn't a SS QSO, it was a valid
contact, in that callsigns and a piece of unknown info was exchanged --
your Q precedent. One or two other non-SS contacts made it into the
log, too, for whatever reason. He supplied a separate log to W1AW for
non-SS contacts, so you did make a contact and W1AW will QSL it.

> PS - question: since I've enough Q's that a dupe sheet is required as
> part of the submission - and I'm going to e-mail a text file as the log -
> what's the format for the dupe sheet - the ARRL web site was far short of
> clear on that point... surely not a typed version of the paper dupe
> form...

I cc'ed Dan; he can clarify anything not clear on the Web page.

73,
Ed Hare, W1RFI

Date: Tue, 09 Nov 1999 08:46:14 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [55606] Re: CONTEST: Next year SS
Message-ID: <382825A6.594B@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> On the contest reflector someone mentioned that they
> worked a LOT more Q class stations than ever before!

Yes, indeed! :-)

> Yep! Even the NA Sprint, what I think is the fasted contest
> around saw very few 35-40 wpm stations....most were down to
> at least 30!

Well, I can copy that 40 wpm stuff, but I didn't bother working anyone doing over 30 wpm. I had a long day, it was late, I was tired and I just didn't want to have to concentrate on copying numbers near the upper limit of my copying ability. When you only have an hour to S&P, you can afford to be fussy. :-)

73,
Ed Hare, W1RFI
>

Date: Tue, 09 Nov 1999 08:49:07 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [55607] Re: CONTEST: Points per Watt Record still intact?
Message-ID: <38282653.7F43@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay, guys and gals; I opened my big mouth and put an unconditional lobster at Tinker's on the plate (groan!), so I gotta' ask -- did anyone break my point per watt record of 324,000 in the CW SS?

I will extend that a bit; anyone who breaks the record can either come to Newington, or if I am at a hamfest in his or her area, I will pay up there if they drive. :-)

73,
Ed Hare, W1RFI

Date: Tue, 09 Nov 1999 08:52:28 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Cc: n1nd@arrl.org
Subject: [55608] Re: CONTEST: KI6DS loses to flu in SS
Message-ID: <3828271C.6AD3@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Neverdosky wrote:

> If it is any consolation, you beat me by 3 Qs.

Yeah, but turn in the log for that one Q! Dan owes me a favor (I did him a Lab favor the other day) so I am going to make him well aware of the number of QRP entries in this contest! The only way he will get me to shut up is promise to mention it in the writeup! :-)

73,
Ed Hare, W1RFI

Date: Tue, 09 Nov 1999 06:11:42 -0800
From: David Shalita <af389@lafn.org>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [55609] HB:QRP Projects in Altoid Mint Tins
Message-ID: <38282B9E.12E636EB@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,

I am looking photos on the web of projects that have been built into Altoids or other Mints Tins.

Can you please supply me a few URL's so I can get an idea how QRP projects are installed?

I think Fireballs and marker generators are examples. Do you install 9v battery inside or outside tin?

Thanks and 73, W6MIK

> Subject: [55462] Growing TT2 Photo Gallery!

>

> Check out the latest addition:

REALLY nice site and photos.....W6MIK

> A great photo of N2EI and his TT2 (cool Zombie shirt too!!)

>

> THE TUNA TIN TWO PHOTO GALLERY:

>

> <http://ElectronicsUSA.com/tunatin2.html>

>

> ***All Tuna Tin Two Photos Welcome!***

72, -John WA6KY0

--

David Shalita (Dave)

af389@lafn.org

Van Nuys, CA

Date: Tue, 9 Nov 1999 06:15:57 -0800 (PST)

From: Dave Pomeroy <dave_pomeroy@yahoo.com>

To: paynej1@strato.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [55610] RE: Quicksilver Printing

Message-ID: <19991109141557.15858.rocketmail@web601.yahoomail.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I just tried the email address and the message bounced.

Dave Pomeroy K8DNP

--- John Payne <paynej1@strato.net> wrote:

>

> Tim and gang:

>
> Here is an Email address I found for Paul Hardin
> NA5N who runs Quicksilver Printing. Hope this
> helps!
>
> pharden@aoc.nrao.edu
>
>
> 72/3 John N4FLJ
>
>
>
>
>
>
>

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 9 Nov 1999 07:42:19 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55611] Elmer 100: Balun
Message-ID: <019501bf2abd\$16b4dac0\$bff092ca@donny>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Folks,

I recall a Balun is a transmission line transformer from
a BALanced line to an UNbalanced line hence the BAL-UN.

An UNbalanced line to an UNbalanced line transformer is
called UNUN (UN-UN).

I think somehow the terminology of BAL-UN is not correct
for a BALanced line to a BALanced line transformer, but
I haven't recall of hearing somebody saying about BALBAL.

Any help from the experts of the correct terminology???

Please excuse me, English is not my mother tongue and not an electronic engineer either.

Thanks for the help

vy 72/72 de Donny YB6LD/1
Bekasi Indonesia

Date: Tue, 9 Nov 1999 21:14:57 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55612] XCVR: total power consumption
Message-ID: <019701bf2abd\$28842e40\$bff092ca@donny>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear folks,
There has been many discussion on how to modify commercially made transcievers power into qrp levels.

I'm just wondering when we modify those xcvs does the total power consumption ALWAYS goes down as the the power output?

Although the case is a bit different, I recall the qst review of the FT 100 and the findings that power consumption is 17A for 100W output on HF but 10A for 20 W output on 70cm. The reviewers also determined that the FT 100 also need 10A for 20W output on HF.

Can someone give hints on this issue?

Many thanks in advance.
de Donny YB6LD/1
Bekasi Indonesia

Date: Tue, 9 Nov 1999 09:17:40 -0500
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
To: "'af389@lafn.org'" <af389@lafn.org>
Cc: "'qrpl'" <qrp-1@lehigh.edu>

Subject: [55613] RE: QRP Projects in Altoid Mint Tins
Message-ID: <B9A5540E55F7D211BE830000D11AD11E3339B5@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Dave,

Try

http://www.njqrp.org/Rainbow/rb_pics.html

For some pix of Rainbow tuners.

72/73,

Joe E., N2CX

-----Original Message-----

From: David Shalita [mailto:af389@lafn.org]
Sent: Tuesday, November 09, 1999 9:12 AM
To: Low Power Amateur Radio Discussion
Subject: HB:QRP Projects in Altoid Mint Tins

Hi Guys,

I am looking photos on the web of projects that have been built into Altoids or other Mints Tins.
Can you please supply me a few URL's so I can get an idea how QRP projects are installed?

<SNIP>

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Tue, 9 Nov 1999 07:07:10 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [55614] Re: 2 mWatts to a Mobile - 210,000 miles to the watt
Message-ID: <19991109150710.22848.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Way to go Larry! Yep, that mobile op has good ears I'd say. As always I say, give most of the "credit" to nature tho. And congrats also to you for finding that opening. Its a 3 way combo at work here. The wonders of it all.

Its also amazing what can be done when I'm mW/M myself. All I have is my Hamsticks, and they are around the least efficient mobile antennas you can buy! Hi hi

My 49er at 250mW made contacts into VE land with my 40M Hamstick when it was new.

Anyone who is bored with Ham radio just isnt trying!

72/3's de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 09 Nov 1999 10:19:34 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [55615] ANT: Re: Cheap Vertical ??
Message-ID: <67614@w4bkx.ampr.org>

To: rengelwb8uoj@juno.com
Subject: Re: ANT: cheap vertical ??

Bob, this might not be what you are looking for but...
I had the occasion to pick up a blownup R7...Lightning - top of a 27 floor condo right on the ocean... the black box, the little googaws (capacitors)... can you say Smithereens?

Well, it has a nice base and fiberglass insulator at the bottom and mounting hardware etc.

With some additional aluminum tubing in progressively smaller diameters I made a 33ft 6inch radiator.. for 40 meters. With 2 tuned counterpoise

wires (tuned independently just as you would cut a dipole) it worked like gangbusters. I used to feed it with 50 ohm coax for 40meters only and had it mounted on a 20ft telescoping mast. (Just jammed the mast into the ground about 3ft. and the 2 wires acted to help keep it erect.)

Well, with Hurricane Floyd bearing down on us here, it was time to take the yagis off the towers and stow everything... afterwards, I needed antlers... so I put the vertical back up and fed it with 450 ohm ladderline and a balanced tuner.....

Man, I worked everything I could hear on all bands and I could hear plenty! VU2, T00DX, V47, VK9LX, CP6, HB0, VP2V, ZF2, 3V8, C5, FS, J6, HI, VQ9, ZK3, 5X, LU7, PS (HL), R1ANF/A (VP8/SHET), 5W, ZK1, EL2, ZB2, OD5, 4K, YS, T31, TA, YK1, 9H4, V63, EK7, 3B8, ZA, HZ, C21, BD4, etc. YOU GET THE PICTURE!!!!

I used to go to the Florida Keys, Dry Tortugas, field days... etc. and usually brought all sorts of antennas... wires...beams...poles
The next time I go... all I'm bringing is the 20ft push-up mast and this antenna! It collapses to about 4ft and you know?... I could use those RadioShack mast sections that are about 5ft long and one slips onto the other as many as you would like...make a nice bundle 5ft long. Hmmmm..

so I'd look around for a lightning-zapped R-7,

De (Scott) W4PJ

ScottRHotchkissW4PJ1525NW5thAvenueFortLauderdaleFlorida33311<EL96vd>QRPL1585

P.S. I got a beam back up 3 days ago and it IS better than the vertical on the higher bands but I plan to keep the vertical fed with ladderline for WARC and 80/40. I might add some tuned radials for those bands, it couldn't hurt <g>.

Date: Tue, 09 Nov 1999 08:21:07 -0700

From: Dave Ek <ekdave@earthlink.net>

To: rwc@frii.com

Cc: qrp-l@lehigh.edu

Subject: [55616] Re: CONTEST: N0RC SS perf. Abysmal

Message-ID: <3.0.6.32.19991109082107.00797170@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Rod -

Why beat yourself up over your SS score? This can be a tough contest for a QRP'er unless you have world class antennas. Your experience this year was

just like mine last year. I listened to the other ops until I got their exchange, and *then* I called. But if you keep at it you get better at it as the contest wears on--I'm sure you realized it.

>O: Most stations I called were working in the 30WPM range, I called at >20WPM. Almost every one slowed down to send their exchange, without me >asking. If they did send fast, I'd QRS and they obliged.

>C: The OPs in this contest were the most polite and accommodating >bunch I ever came across. A tip-o-the-hat to them all!

These guys *want* your contact. It's points!

>O: I did poorly.

>C: I have to decide if this high intensity contesting is for me, it's >going to take a lot of work to get good at it.

Baloney. You did just fine. This is supposed to be fun. And it *is* challenging to be duking it out with the big guns. Running QRP in this test requires some finesse, since we can't rely on brute force. Generally, I had a better rate in S&P mode by avoiding the pileups and finding the lonely callers. Practice and more experience will help you improve your score.

>O: Got a lot of fill requests for my CK (98).

>C: I kept wondering if these guys were incredulous of the fact that >such a newbie would be in this contest. (I also wondered how many were >annoyed to have to QRS. I honestly felt like more of a nuisance, than >a participant.)

I thought *mine* was the highest check (96)! Now that I think about it, I got asked for mine a lot, too, and also my NR. I think that's because it's numbers being sent by a weak sig. But don't think for a minute that they don't want your contact because you're a newbie. And it's not hard at all for the big gun stations to QRS. They're *all* running contest software. I don't know about other packages, but TRLog will allow you to adjust the speed on the fly with the pageup and pagedown keys. I adjusted my speed constantly during the contest.

I think that the only thing that serious contest stations dislike (besides QRM) is if you goof up the exchange or don't send it like everyone else is sending it.

>For now it's sprints, FOX hunts and QSO parties, ONLY. I'll decide >next year about doing this again. If I do, I'll do a fixed time of >only four hours or so, take what I get & send in my log; for the sole >purpose of making a "Q" presence.

That's cool. But don't quit the SS just because you don't think you're any good at it. Set yourself a goal next year, even if you only operate for a

few hours. Maybe try to bump up your contacts-per-hour average a bit. Hope to see you next year!

73,

Dave AB0G0

Date: Tue, 09 Nov 1999 08:30:16 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: dave_pomeroy@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55617] Re: Quicksilver Printing
Message-ID: <38283E08.53AE4741@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Pomeroy wrote:

> I just tried the email address and the message
> bounced.
> Dave Pomeroy K8DNP
>
> --- John Payne <paynej1@strato.net> wrote:
> >
> > Tim and gang:
> >
> > Here is an Email address I found for Paul Hardin
> > NA5N who runs Quicksilver Printing. Hope this
> > helps!
> >
> > pharden@aoc.nrao.edu
> >
> >
> > 72/3 John N4FLJ
>

Paul Harden (Quicksilver Printing) can be reached at:

na5n@rt66.com

--

73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page <http://www.swlink.net/~w5jh/>

Date: Tue, 09 Nov 1999 10:40:33 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Karl Kanalz <KKanalz@excel.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55618] Re: ANT: cheap vertical ??
Message-ID: <38284071.726B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

The point I was making is really one by a FDIM paper in 1996 - an antenna seems to radiate better up to the loading coil than above it! Sort of cut off my helically wound dipole paper at the knees! Of course it didn't change my dipole and I think it still radiates well, so go figure!

73

Date: Tue, 09 Nov 1999 07:46:48 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [55619] CONTEST:...for all the wrong reasons
Message-ID: <382841E8.21D94EB@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I had no intention of working Sweepstakes. Simply put, I am not a tester. At my age I find it difficult to go without food or water for 24 consecutive hours. My butt gets sore. I don't have a bladder the size of a basketball and for as much as I love CW, I can't live inside a pileup all day and night without getting a headache. But just for the heck of it I downloaded N3FJP's SS logging program just to see for myself what everybody was talking about.

Well let me tell you, I was so impressed with the ergonomics and simplicity of Mr. Davis' program that I decided to try it for a few

minutes on the air. I ended up working almost four hours and logged 111 contacts.

I had two keyboards in front of me because I used my MFJ 451 keyboard keyer to send the exchange. Every once in a while I used the wrong one which didn't help my hourly rate any. But all in all, it was a good setup.

I had so much fun that I might actually do it again. Thanks to G. Scott Davis (N3FJP) for the program and thanks to Doug Hendricks for posting the note on qrp-l that got me to look at the software myself. And, before you ask, I have already sent my log to ARRL.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 09 Nov 1999 08:46:21 -0700
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [55620] Re: CONTEST: Almost a SWEEP
Message-ID: <3.0.6.32.19991109084621.0079be60@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Erv,

>My hat's off to Bill and the rest of you who are "purists". I am working
>hard to learn the code at 13wpm (testing this weekend) and it's a bit sad
>that I'll need a computer to decipher a good portion of the testers out
>there, due to their penchant for using a keyboard to operate in said
>contest.

Nobody's using a computer to *decipher* the code. Philosophical issues aside, no one's come up with software that would do it well, particularly in the environment of SS. Copying is done the old fashioned way (unless you count typing it into your keyboard as you copy by ear *newfangled*).

>Even some of my friends, who have encouraged me to work at my speed are
>using them! What a shame. I thought this was supposed to be a Hobby
>where technical excellence surpassed our laziness.

The point in a contest is to make contacts. A computer will improve your score. That's the bottom line. Sending CW with the contest software isn't necessarily a big part of that, but it helps. The real boon is logging and duping. But you better not be using the computer to send faster than you can copy.

>Sorry if I stepped on toes, but this is a sore subject for me. If I can get
>good at sending/receiving at 30wpm, so be it.....but it will NOT be with the
>aid of a computer-bank on it.

That's your choice. There's no reason you have to *send* at 30 wpm in SS. Last year I logged 200 Q's while sending by hand, but at around 22 wpm (I can't send reliably any faster). But it's hard to work a lot of contacts in a test like SS and keep your sending perfect. And why make the other ops suffer when your hand cramps up after a dozen hours or so?

>Off my soapbox,
>Erv W8ERV

and off mine. ;-)

73,

Dave AB0GO

Date: Tue, 9 Nov 1999 11:01:58 -0500
From: "Richard Brummer, K2REB" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [55621] Re: Quicksilver Printing
Message-ID: <000a01bf2acb\$c17289e0\$2207b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who placed orders with Paul Harden and Quicksilver Printing, be patient. You will receive your merchandise and you will find that it will have been worth the wait.

Don't "bug" Paul, and be patient.

I have no connection to Quicksilver Printing, other than being a VERY satisfied customer.

73,
Dick K2REB Mahopac, NY 10541 FN31dj

Date: Tue, 09 Nov 1999 11:41:47 -0500
From: Russ Hines <radioruss@fuse.net>
To: dsirait@centrin.net.id
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55622] Re: XCVR: total power consumption
Message-ID: <38284ECB.D2D40512@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donny wrote:

>
> Dear folks,
> There has been many discussion on how to modify commercially
> made transcievers power into qrp levels.
>
> I'm just wondering when we modify those xcvs does the total
> power consumption ALWAYS goes down as the the power output?
>
> Although the case is a bit different, I recall the qst review of the FT 100
> and the findings that power consumption is 17A for 100W output on
> HF but 10A for 20 W output on 70cm. The reviewers also determined
> that the FT 100 also need 10A for 20W output on HF.
>
> Can someone give hints on this issue?
>
> Many thanks in advance.
> de Donny YB6LD/1
> Bekasi Indonesia

Think efficiency, Donny.

The total power consumption of the rig could, and probably should, be less, but it's usually not proportional to the reduction in RF output, and you shouldn't expect it to be. There's other circuitry in your rig that draws X amount of current regardless of power output. And likely your finals are less efficient converting supply power into RF power when run at lower power levels.

There's my stab.

73,
Russ
WB8ZCC

Date: Tue, 09 Nov 1999 08:52:00 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [55623] XCVR: NC40A mods, conclusion.
Message-ID: <38285130.25D3@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good morning all.

I have concluded my mods (for now) on the NC40A with the following results. Prior to this time, I had installed a MRF237 as PA (Q7), J310 in place of J309 (Q5), and 2N5109 in place of 2N2222A(Q6). Also, I had replaced the Zener (D12) with a 43V (1N4755A).

- 1) replaced the PA LowPassFilter (LPF) with values as follows:
 - C45 (was 330 disc) with 470pF Silver Mica
 - C46 (was 820 disc) with 820pF Silver Mica
 - C47 (was 330 disc) with 470pF Silver Mica
 - L7 removed two turns on existing core (FT37-2?) giving 16T (#26?)
 - L8 rewound on identical core with 19T of #24
 - This change gave an immediate jump from indicated 2.9W to an indicated 4.8W.
- 2) replaced RFC1 (18uH) with a FT37-32 wound with 16T of #24. (I hope I have the toroid type correct...one of those high permeability ones from the NorCal toroid kit)
This change bumped power up a touch more to about 4.9W (indicated).
- 3) Pulled the 2N5109 and reinstalled the original 2N2222A. No change!

The PA transistor gets hot fairly quickly and I have yet to deal with adequate heatsinking for it. I will likely mount it underneath the PCB with a suitable heatsink touching the case.
I find that the usable range of R13 (drive level) is highly compressed into the last 15 degrees of rotation. I will likely replace it at some point with a much smaller value pot (~200 ohms?) so I can mark different power level settings on it for field adjustment without a wattmeter present. NOTE: all raw wattmeter readings are about 20% low, and are corrected below.

In summary, the following changes gave noticeable improvements:

- 1) replace J309 with J310 (Q5) (minor improvement, ~10%)
selecting the highest gain unit would be desirable. I took
'pot luck'.
- 2) replace 2N3553 with MRF237 (remember to orient leads correctly!)
(significant improvement, ~50% even though into a now mismatched LPF)
- 3) replace PA LPF components as noted above. (very significant
improvement, ~65%)
- 4) replace RFC1 with toroidal equivalent, as noted above. (minor
improvement, ~7%)

The above changed output from 2W to nearly 6W.

The following mods did NOT help.

- 5) replacing 2N2222A (Q6)
- 6) replacing Zener (D12) with 43V unit (maybe a little...)

Gary Surrency, AB7MY, was the source of most of these ideas. He will
apparently be writing them up from his viewpoint in the near future.

See ya on the air as soon as I get the antenna fixed (right now the
SWR is over 4:1). I need to find a dry Saturday with some time...

--

Allan Taylor K7GT k7gt@arrl.net <http://www.qsl.net/k7gt> CM97aq

Date: Tue, 9 Nov 1999 10:56:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [55624] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991109092249.16171A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...this team scoring was made from Clif's first posting....I don't seem to

have his final log...so look it over as I'm sure there will be changes/additions....e-mail them to me directly please....tnx...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

...DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt #3 - AB5UA -

20th. MAINE BENGAL BEARS:Total=3 BLUE J's:Total=1

Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

DURHAM MORSE MEN:Total=0

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

EMPIRE HOUNDS:Total=2

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH <-

HOUSTON HOUNDS:Total=10

Bill - K5ZTY <-
Bill - W5SB
Terry - KQ5U <-
Dan - KK5LD <-

MANGY MUSHERS:Total=8

Pete - NV4V <-
Paul - VE7CQK <-
Bruce - N7RR <-
Ed - K1VP

NIGHT OWLS:Total=5

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=7

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR <-
Gody - AC6U

RAIDERS OF THE LOST RF:Total=4

Fred - VE3FAL

SCATTER SHOT GUNNERS:Total=6

Mike - K1MG

Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC <-

Jack - W5TFB <-
Stan - N6XU
Pat - K0PC <-

SFBA FOGHORNS:Total=2

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWAMP RATS:Total=8

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN
Paul - AJ4Y

SWORDS:Total=5

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE

TEAM CRAMP.COM:Total=7

OJ - K10J
George - K5VUU <-
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:Total=8

Floyd - NQ7X <-
Gary - AB7MY <-
Conard - WS4S
Bob - KI7MN <-

TESLA'S TERRORS:Total=10

Wayne - N0EA <-
Dan - N0DT
Tim - N0EHW
Joe - W0JOE <-

TEXAS TARANTULAS:Total=8

Bill - K5LN <-
Dave - N5IW
Bob - AF5Z
Tom - N5TW <-

UNDERDOGS:Total=8

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN <-
Ron - KI0II

WESTERN WRANGLERS:Total=4 "1 WATT"

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y <-
Ron - KU7Y <-

NORTEX Irregulars:Total=0

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

any final changes for the AB5UA fox log please?....72 -
Bruce(VE5RC+VE5QRP)

Date: Tue, 9 Nov 1999 10:06:52 -0700
From: gsurrency@juno.com
To: paynej1@strato.net
Cc: qrp-1@Lehigh.EDU
Subject: [55625] Re: Quicksilver Printing
Message-ID: <19991109.100652.-315103.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Try:

na5n@rt66.com

The other address is his employer. Please don't send Paul mail at that address.

Tnx & 73.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 9 Nov 1999 10:21:07 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [55626] Re: Elmer 100: Balun
Message-ID: <19991109102107.C7518@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Nov 09, 1999 at 07:42:19AM +0700, Donny wrote:

> Dear Folks,
>
> I recall a Balun is a transmission line transformer from
> a BALanced line to an UNbalanced line hence the BAL-UN.
>
> An UNbalanced line to an UNbalanced line transformer is
> called UNUN (UN-UN).
>
> I think somehow the terminology of BAL-UN is not correct
> for a BALanced line to a BALanced line transformer, but
> I haven't recall of hearing somebody saying about BALBAL.
>
> Any help from the experts of the correct terminology???

How about just plain "transformer".

Bob, w6swe

Eschew obfuscation

Date: Tue, 9 Nov 1999 12:21:23 EST
From: K1JD@aol.com
To: qrp-l@lehigh.edu
Subject: [55627] RI FOX: Prelim. Logsheet
Message-ID: <0.50c11835.2559b213@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This second email does NOT have the Excel file attached, just in case there is a problem with the QRP-L server and attachments.

73,
John K1JD

Jamestown, RI
K2's SN#139 & #583

Subj: RI FOX: Prelim. Logsheet
Date: 11/9/99 11:44:23 AM Eastern Standard Time
From: K1JD
To: qrp-1@Lehigh.EDU

File: FOX.xls (29696 bytes)
DL Time (49333 bps): < 1 minute

All:

Here is my "preliminary" logsheet from last night. Do not hesitate to contact me with your inputs/corrections! Also, Attached the excel file for those who can open it.

Wish I had a recording of the very weak and watery signals embedded in QRN that last hour. Fortunately, one or two stations would suddenly pop up out of the noise. Thanks to everyone for their efforts. Doc - you really went the extra mile with your parking lot setup... wow!

72/3,

John K1JD "beaten to a pulp"

Jamestown, RI
K2's SN#139 & #583

K1JD RI JOHN 1945
11/9/99 FOX Hound State/
Nr. Time Call RST RST Prov Name Number
1 0100z N9AW 579 559 WI JERRY 1271
2 0101z WD4MSM 559 579 IN BARRY 642
3 0102Z AB8DF 559 589 MI ED 1444
4 0103z WD8KQY 579 559 OH GARY 446
5 0104Z K0PC 559 569 MN PAT 1964
6 0105Z N1TP 599 579 FL TOM 1317
7 0106Z KU4AF 559 569 NC JOHN 987
8 0107Z K8CV 559 559 MI WALT 935
9 0108Z AE2T 579 559 NY AL 1664
10 0109Z AA2PF 559 559 NY DAVE 306
11 0110Z N3BJ 599 599 VA ALAN 5W
12 0111Z AF4PS 579 579 FL MAC 704
13 0112Z W0DC 559 559 MN JOHN 367
14 0113Z N1LN 559 559 TX BRUCE 2040
15 0114Z VE3JC 559 559 ON JOHN 744
16 0115Z N9KW 579 559 IL JOHN 1257
17 0116Z NK9G 559 559 WI RICK 2061
18 0117Z WA8RXI 569 579 MI RICK 1368
19 0118Z N4ROA 559 579 VA DAN 970
20 0119Z AB5UA 559 559 OK CLIF 478
21 0120Z N4SO 449 559 AL KEN 622

| | | | | | | | | |
|----|-------|--------|-----|-----|-----|----|-------------|--------------------------------------|
| 22 | 0121Z | K5NZ | | 559 | 559 | TX | MIKE | 2018 |
| 23 | 0122Z | KG2LO | 579 | 599 | NJ | | ROLAND | 1445 |
| 24 | 0123Z | WS4S | | 569 | 559 | TN | CONARD | 993 |
| 25 | 0124Z | K2SJB | 579 | 579 | NY | | DAVE | 757 |
| 26 | 0125Z | KB9BVN | 559 | 559 | IN | | BRIAN | 1540 |
| 27 | 0126Z | W0CH | | 559 | 559 | MO | DAVE | 618 |
| 28 | 0127Z | N0EA | | 559 | 599 | MO | WAYNE | 1058 |
| 29 | 0128Z | NV4V | | 569 | 559 | KY | PETE | 1721 |
| 30 | 0129Z | N0EHW | 559 | 559 | MO | | TIM | 2047 |
| 31 | 0130Z | N2ZHY | 559 | 599 | NJ | | DAVID | 2067 |
| 32 | 0131Z | W2XN | | 559 | 579 | FL | FRED | 1728 |
| 33 | 0132Z | N0DT | | 559 | 559 | MO | DAN | 1004 |
| 34 | 0133Z | W0AV | | 599 | 559 | MO | GEORGE | 1866 |
| 35 | 0135Z | KU7Y | | 559 | 559 | NV | RON | 17 |
| 36 | 0136Z | KK5LD | 559 | 559 | TX | | DAN | 2??(help) |
| 37 | 0137Z | W5TFB | 559 | 559 | TX | | JACK | 282 |
| 38 | 0138Z | N5TW | | 569 | 559 | TX | TOM | 1474 |
| 39 | 0139Z | K5LN | | 559 | 559 | TX | BILL | 1794 |
| 40 | 0140Z | K5AAR | 559 | 559 | OK | | DON | 1512 |
| 41 | 0143Z | KB9IUA | 529 | 559 | IL | | KEVIN | 384 |
| 42 | 0147Z | AF5Z | | 579 | 559 | TX | BOB | 984 |
| 43 | 0149Z | N8VAR | 559 | 559 | OH | | RON | 263 |
| 44 | 0150Z | W8SFF | 559 | 559 | MI | | STEVE | 1288 |
| 45 | 0153Z | NQ7X | | 559 | 559 | AZ | JIM(FLOYD?) | 343(I wrote Jim in the log, Floyd?!) |
| 46 | 0158Z | K0EVZ | 569 | 559 | ND | | DOC | 861 |
| 47 | 0200Z | K5VUU | 579 | 559 | TX | | ED | 1343 |
| 48 | 0203Z | W5SB | | 559 | 559 | TX | BILL | 1279 |
| 49 | 0205Z | N8IE | | 559 | 559 | OH | DAN | 1404 |
| 50 | 0207Z | N0UR | | 579 | 559 | MN | JIM | 799 |
| 51 | 0209Z | AI4CW | 339 | 559 | AL | | DON | 1670 |
| 52 | 0210Z | N0AR | | 559 | 559 | MN | SCOTT | 1455 |
| 53 | 0212Z | K5ZTY | 559 | 559 | TX | | BILL | 473 |
| 54 | 0215Z | N5DU | | 559 | 559 | OK | BILL | 2009 |
| 55 | 0217Z | W0JOE | 559 | 559 | MO | | JOE | 1901 |
| 56 | 0219Z | VE5RC | 439 | 559 | SK | | BRUCE | 886 |
| 57 | 0222Z | W4UTI | 439 | 559 | AL | | KARL | 1097 |
| 58 | 0224Z | N9UZP | 559 | 559 | IL | | WALT | 2060 |
| 59 | 0230Z | KI0II | 549 | 559 | CO | | RON | 928 |
| 60 | 0234Z | NF9K | | 559 | 559 | MN | JOEL | 1233 |
| 61 | 0238Z | K4NK | | 559 | 559 | SC | LES | 871 |
| 62 | 0240Z | W5HNS | 559 | 559 | TX | | HENRY | 178 |
| 63 | 0243Z | N4XDW | 559 | 559 | AL | | JAY | 1372 |
| 64 | 0245Z | KE5TC | 229 | 559 | OK | | ROY | 1057 |
| 65 | 0248Z | WA8GHZ | 559 | 559 | TX | | JACK | 619 |
| 66 | 0249Z | WW4ML | 599 | 559 | FL | | MITCH | 2069 |
| 67 | 0252Z | KI0G | | 559 | 559 | CO | BOB | 239 |
| 68 | 0256Z | N0RC | 339 | 559 | CO | | ROD | 1764 |

Date: Tue, 9 Nov 1999 09:28:27 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-l@LeHigh.edu>
Subject: [55628] KE6RIE Straight key URL
Message-ID: <199911091725.JAA11875@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Check it out at : <<http://www.fix.net/~slmachco/>>

Date: Tue, 09 Nov 1999 09:55:36 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [55629] FS
Message-ID: <3.0.6.32.19991109095536.007ac640@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Makeing room for other goodies.

For sale:

Wilderness Sierra with 9 band modules
NorCal K2 Frequency/SWR/Power Meter/Counter
Sierra K2 front panel

\$425 shipped

40 Meter SST

\$75 shipped

All are unbuilt kits as received from the manufacturers.

72, Jerry...WA6OWR...K

Date: Tue, 9 Nov 1999 11:42:48 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <nielsen@primenet.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [55630] RE: Elmer 100: Balun
Message-ID: <000001bf2ad9\$d747f3f0\$ef5d6f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The term BALUN is a generic name for impedance matching transformer. Originally it was used to match unbalanced to balanced and visa/versa, thus the name BALUN.

Kevin, WB5RUE

Leeniers? We dunt need no steenkink leeniers!

Date: Tue, 09 Nov 1999 12:44:04 -0500
From: Brian <brian@iquest.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55631] Re: FOXHUNT:Team Scores
Message-ID: <38285D64.14F78162@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It ain't fair. Them pesky Texans should have to hunt foxes with a bucket over their heads. It jest ain't fair.

Bruce Rattray wrote:

>
> ...this team scoring was made from Clif's first posting....I don't seem to
> have his final log...so look it over as I'm sure there will be
> changes/additions....e-mail them to me directly please....tnx...


```

>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
> S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"
>
> *****
> ...DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
> AS TO PAUL...that will be a big help...thank you all....
>
> *****
>
> Fox Hunt #3 - AB5UA -
>
> *****
>
> 20th. MAINE BENGAL BEARS:Total=3      BLUE J's:Total=1
> -----
> Jim - N5IB                          John - VE3JC
> Butch - N5SMQ                      Jim - VE6JWA
> Bill - NT1R                        Jeff - VA3JFF
> Joel - KE1LA                      Jon - TF3JA
>
> DURHAM MORSE MEN:Total=0              EMPIRE HOUNDS:Total=2
> -----
> Jim - VE3KQN                      Dick - K2REB
> Ken - VE3ELA                      Kevin - N2T0
> John - VA3JE                      Mark - N2JTW
> Garry - VE3REP                    Nick - KF2PH <-
>
> HOUSTON HOUNDS:Total=10              MANGY MUSHERS:Total=8
> -----
> Bill - K5ZTY <-                      Pete - NV4V <-
> Bill - W5SB                        Paul - VE7CQK <-
> Terry - KQ5U <-                     Bruce - N7RR <-
> Dan - KK5LD <-                      Ed - K1VP
>
> NIGHT OWLS:Total=5                  OKLAHOMA TORNADOS:Total=7
> -----
> Ed - WE6W <-                        Cliff - AB5UA
> Rich - N5JI                        Royce - KE5TC
> Dan - N7CQR                        Don - K5AAR <-
> Ben - NW7DX <-                      Gody - AC6U
>
> RAIDERS OF THE LOST RF:Total=4        SCATTER SHOT GUNNERS:Total=6
> -----
> Fred - VE3FAL                      Mike - K1MG
> Earl - VE6EWM                      Jack - W5TFB <-
> Mary - NA6E                        Stan - N6XU

```

| | |
|---|---------------------------|
| > Bruce - VE5RC <- | Pat - K0PC <- |
| > | |
| > SFBA FOGHORNS:Total=2 | SWAMP RATS:Total=8 |
| > ----- | ----- |
| > Bob - N6WG | Tom - N1TP <- |
| > Conrad - NN6CW | Mac - AF4PS <- |
| > Andreas - N6NU | Fred - W2XN |
| > Allan - K7GT | Paul - AJ4Y |
| > | |
| > SWORDS:Total=5 | TEAM CRAMP.COM:Total=7 |
| > ----- | ----- |
| > Rick - WB6JBM | OJ - K10J |
| > Andy - KC8KFI | George - K5VUU <- |
| > Doc - K0EVZ <- | Mike - K5NZ |
| > Dan - N8IE | Eric - NM5M |
| > | |
| > TEAM ScQRPion:Total=8 | TESLA'S TERRORS:Total=10 |
| > ----- | ----- |
| > Floyd - NQ7X <- | Wayne - N0EA <- |
| > Gary - AB7MY <- | Dan - N0DT |
| > Conrad - WS4S | Tim - N0EHW |
| > Bob - KI7MN <- | Joe - W0JOE <- |
| > | |
| > TEXAS TARANTULAS:Total=8 | UNDERDOGS:Total=8 |
| > ----- | ----- |
| > Bill - K5LN <- | Roy - AB7CE <- |
| > Dave - N5IW | Dan - N4ROA <- |
| > Bob - AF5Z | Brian - KB9BVN <- |
| > Tom - N5TW <- | Ron - KI0II |
| > | |
| > WESTERN WRANGLERS:Total=4 "1 WATT" | NORTEX Irregulars:Total=0 |
| > ----- | ----- |
| > Randy - K7TQ | Doc - W5TB |
| > Chuck - K7Q0 | Joe - KK5NA |
| > Steve - WW7Y <- | Don - N5YAK |
| > Ron - KU7Y <- | Barb - KK5QA |
| > | |
| > any final changes for the AB5UA fox log please?....72 - | |
| > Bruce(VE5RC+VE5QRP) | |

--

```

=====
KB9BVN :NORCAL #2792 FISTS #5695/CC# 764 QRP-L #1540
      39.558 N   86.095 W   Johnson Co., Indiana
GRID: EM69WN - TenTec Scout - Attic Dipole - 5w
Proud member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4
=====

```

Date: Tue, 9 Nov 1999 11:42:28 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Raiders of the Lost RF -- Earl Murphy <earlmurf@telusplanet.net>, Fred Lesnick
<flesnick@Quetico.tbaytel.net>, mcherry@calweb.net,
QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>,
Bruce Rattray <rattray@gpfn.sk.ca>
Subject: [55632] did it agn!
Message-ID: <Pine.LNX.3.95.991109112659.27957B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did any of you happen to hear my contact with the fox last night?....well
when I was trying to repeat my name, the "dah" side of my NorCal paddle
did it agn and stuck on.....arrggghh.....I'm sure if Earl(VE6EWM) heard,
he was rolling on the floor laughing as I'm sure he would know what was
going on as we had a laugh about it at the Glacier hamfest
in July...eh!?!.....actually I did it on purpose just to provide a little
laughter for the hunters.....yeah; sure;.....it was a "live"
demonstration of the word "frantic" to see me trying to get things going
right...I didn't beat on it with my shoe this time though...I tried to
jump over to my other 2 paddles but I didn't have them hooked
up.....of course!...so I physically grabbed hold of the "dah" side and
moved it apart to stop the "dahs"...had to do this twice before things
settled down and I could do the repeat properly...ah well, good old
Bruce as I walk up on the world stage and trip falling flat on my
face!...hey, I'm a regular guy eh!?!.....although Bonnie sometimes
mumbles "klutz!".....all these years I thought she was saying "clutch"
and I could never figure it out....live and learn; die and forget it
all!!... I'm going to have to see if anyone has any text on adjustments
for that paddle....has anyone ever posted adjustments for the K8FF paddle
please?.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Tue, 09 Nov 1999 09:59:58 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [55633] SS Contest blast.
Message-ID: <3828611E.1A77@qsl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a ball! What a fine contest.

Worked somewhere between 12 and 15 hours total
and landed a measly 234 Stations and 67 Sections.
Despite my low QSO tally, I am pleased to be well
over the 2000 QRP qso's for the year! Shoot, over
500 Stations worked in the last few weeks. Zombie
shuffle, ARCI, and now the SS! Big help.

Of all the 'Q' stations I worked I think I had the
weakest showing. The 30 foot high dipole just
ain't no beam! These high-rolling QRP stations
have really impressed me. I think they deserve
a round of applause! Wow! QRP'ers, congrats!

Clap-Clap-Clap!

Specifics:

Q WE6W 83 SF

Rig:K2 @ 5W to 40Meter dipole up 30 Feet, E/W lobes.

K8FF paddle, ZM-2 ATU, WM-2 Wattmeter.

Close but NO CIGAR:

W1AW on 20 Meters.

"YT" and "PR" sections heard once.

"AL" stations seem to be search/pounce only.

Didn't work my own section until calling CQ myself
during the LAST HOUR and worked 2 in my section -- Har!

Focused mostly on grabbing sections and bypassed/Forwent
many potential Q's in the process.

Forwent? (past-pluperfect dangling article of Forgo <bg>)

It is interesting to note order of closure by call district:
3, 2, 8, 9, 5, 1, 6 land.

Missed:

4 Land: AL, PR, VI

7 Land: EWA, WY

0 Land: ND

VE Lnd: MAR, NL, QC <heard>, MB, YT <heard once>

That's it. Thanks.

72/Ed we6w

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-72/Ed WE6W; AR Millennium Q's=> 2202/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 9 Nov 1999 13:13:04 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: CQ-Contest Reflector <cq-contest@contesting.com>, QRP-L Reflector <qrp-l@lehigh.edu>

Subject: [55634] Useless SS Statistics

Message-ID: <Pine.3.89.9911091346.A27407-01000000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Just for fun, I went through last year's and this year's logs counting QRP stations worked. The results:

1998 Total QSO's: 1360 Prec Q: 158 11.6% with Prec Q

1999 Total QSO's: 1228 Prec Q: 170 13.8% with Prec Q

That's a pretty high percentage of QRP stations logged and a fair increase in popularity of the class from last year.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 9 Nov 1999 10:19:12 -0700

From: Wayne Burdick <n6kr@elecraft.com>

To: qrp-l@lehigh.edu

Subject: [55635] elecraft reflector (qth.net) is down...

Message-ID: <v03102810b44e07683b56@[206.169.248.32]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Sorry for the bandwidth, but we just wanted to get out the message that

qth.net is temporarily down, taking the elecraft reflector with it. Mail to radios@elecraft.com is not affected.

73,
Wayne
N6KR

Date: Tue, 09 Nov 1999 10:19:33 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [55636] NORCAL QRP Net Results
Message-ID: <382865B5.137A@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, I was scheduled to handle the Norcal QRP net again this last Sunday. It was a nice break from the SS contest.

I found a spot just under 7045 KHz between two contestors and was surprised I got away with the QRL? and also about 25 minutes of uninterrupted net time.

Checking in were:
W03B/Bob
WA6ARA/Mike
W6JHQ/Tom
K6RPN/Doug
K7TQ/M, Randy in Idaho.

Jeff/AA6MB should be back next Sunday for the net.

Hope to see you there.

Every Sunday (MONDAY UTC), 0200Z, 7045 KHz +/- QRM.

72/Ed we6w

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-72/Ed WE6W; AR Millennium Q's=> 2202/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 09 Nov 1999 10:35:54 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [55637] QRP WSN-40 Net results.
Message-ID: <3828698A.52C3@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The QRP ARCI Western States Net on 40 meters meets every Saturday, 9:00 AM Pacific time on 7040 KHz +/- QRM.

There are 5 Net control stations which share duties on a weekly rotation. I am the 1st Saturday of each month and NJ7M/Chuck has the 5th Saturday when there is one. Chuck is in Idaho and the only non California NCS. If you are unable to check in due to propagation limits the other weekends, perhaps a month with 5 Saturdays will offer you an opportunity. But don't give up.

This week we had 13 check-ins.

Checking into the net is an easy process and very laid back. Hey! It is QRP. Just listen in for the "QNI" signal and send your call. You will be told to "AS" which means to WAIT. Eventually, about 10 to 14 minutes after the hour we will be done gathering the list of stations and air the entire list, in sending order. Station #1 hands off to station #2 etc. Just wait your turn, share name, QTH, WX and Power info or any updates you wish. We usually run about an hour and offer a late opportunity to check in as well. Then we ask for other comments. I do operate with filters wide open and am aggressive with RIT so we don't miss you. Please attempt to stay zerobeat with NCS, however. Thanks.

Finally the net closes and becomes FREE (QNF) for any general QSO's without net control.

I always have a cup or two of coffee and it is like having breakfast with old friends.

Feel free to join in on the fun and tell a friend during

a qso. See you next Saturday Morning.

72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2202/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 9 Nov 1999 11:49:52 -0700

From: "Carl Zmola" <zmola@campbellsci.com>

To: qrp-l@lehigh.edu

Subject: [55638] (Fwd) Re: [55413] Rechargeable Alkalines?

Message-ID: <19991109184730146.AAA204@carl-zmola>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

OK,

I've had some requests for sources so here goes.

From: "Terres Family" <terresfm@ncia.net>

> > With nimh 1300 or 1350 maH batteries priced at a little over \$2 in fairly
> > small quantities and a smart charger priced at \$22. I wouldn't waste time
> > on rechargeable alkali
>

> Hi Carl,

> barring hamfests, where do you buy them(nimh)? and any particular
> ones/sources you would recomend? i am interested in AA's

<http://www.bills2way.com>

is one place. I haven't actually ordered from them but would not hesitate to do so. Everything I hear about them is positive. I plan to order some batteries and HT antennas soon. (for that 10M ssb HT)

Another I know nothing about is :

<http://www.4cbradio.com/>

I

Carl

zmola@campbellsci.com

Date: Wed, 10 Nov 1999 01:32:38 -0500

From: jim seeber <kw3u@warwick.net>
To: low pwr qrp <qrp-1@lehigh.edu>
Cc: kw3u@warwick.net
Subject: [55639] Shack cleaning
Message-ID: <38291186.536D577D@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fall shack cleanup is in progress so would like to offer up some items for sale to the group here first.

Autek RF-1 ant analyzer hf mint condx little use with manual and accessories...\$90 shipped.

Desk mike. Shure 526T amplified wired for Icom 8 pin. used on my ic-725hf and ic-229 2 meter. excellant condx \$45 shipped.

Tripplenet model 630 VOM, case, probes, new batteries...very good \$55 shipped.

MFJ Tuner model 941C versa tuner II with manual, won't win any beauty contests but works fine. \$30 shipped.

Beckman Digital VOM model 300 and model 310b,,great shape \$80 each shipped.

And finally a Vibroplex bug. original - gray base - nice condx- 1960's I was told and the serial # is 64836. not sure what to ask so will try \$75 shipped???

Oh one last thing, I need FT-243 xtals for 80m. (cw freqs) will buy or trade my spare 40m ones.

thank you Jim kw3u matamoras , Pa.

Date: Tue, 09 Nov 1999 10:49:37 -0800
From: Charlie Panek <charlie_paneke@agilent.com>
To: qrp-1@Lehigh.EDU
Subject: [55640] Re: CONTEST:...for all the wrong reasons
Message-ID: <38286CC1.1D265D9B@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

AL KOFRP wrote:

[..]
>Software problem crash CT-9
>
>One application had no new Prec, the other Application had no CW keyer,
>there may have been a simple fix but I was too far gone.
>Is this contest rage, like road rage, or is it just frustration
[...]

Al, I feel your pain.. ;-)

Hey, I'm using CT-7 on a '286, so I can't even get an upgrade to the SW
(or use the free windows SW) I know, I know, I need a new PC.. But the
old one **was** working fine, until all these contest rule changes!
(don't even get me started on the WPX scoring changes...)

Anyway, my work-around to the prec problem was to enter the
"new" precedences as "<callsign>/M" (or /U or /S). I had to stay on my
toes, so as not to try to enter a funny precedence into the wrong
area, but since I was mostly in S&P mode, I wasn't too pressed for
time mostly.

Anyway my final was 288 Qs, 69 secs, 12 hours operating time.

Like almost everyone, I missed VI and SD, also NNY (interesting
to see an ENY station say he missed NNY too!), and BC (!) There
seemed to be an abundance of AK on, though, especially on 20m and
above.

QRPers worked:

| | | | | | | | | | | | |
|----|----|----------|------|-----|--------|----|-----|-----|-------------|----|-----|
| 15 | CW | 06/11/99 | 2320 | 58 | Q KX7L | 70 | WWA | 57 | Q N6PEQ | 86 | ORG |
| 15 | CW | 07/11/99 | 0011 | 86 | Q KX7L | 70 | WWA | 116 | Q N7IR | 63 | AZ |
| 15 | CW | 07/11/99 | 0012 | 87 | Q KX7L | 70 | WWA | 124 | Q K1NU | 77 | EMA |
| 15 | CW | 07/11/99 | 0020 | 91 | Q KX7L | 70 | WWA | 170 | Q N6MU | 56 | SJV |
| 15 | CW | 07/11/99 | 0021 | 92 | Q KX7L | 70 | WWA | 131 | Q KT5X | 58 | NM |
| 20 | CW | 07/11/99 | 0442 | 104 | Q KX7L | 70 | WWA | 134 | Q N9DG | 72 | IN |
| 80 | CW | 07/11/99 | 0753 | 186 | Q KX7L | 70 | WWA | 344 | Q W0AH | 55 | CO |
| 80 | CW | 07/11/99 | 0754 | 187 | Q KX7L | 70 | WWA | 484 | Q N0AX | 72 | WWA |
| 80 | CW | 07/11/99 | 0758 | 189 | Q KX7L | 70 | WWA | 315 | Q N3ZZ | 53 | SCV |
| 80 | CW | 07/11/99 | 0801 | 190 | Q KX7L | 70 | WWA | 416 | Q N7OU | 59 | ORE |
| 15 | CW | 07/11/99 | 1845 | 216 | Q KX7L | 70 | WWA | 416 | Q K9OM | 63 | IL |
| 15 | CW | 07/11/99 | 2057 | 242 | Q KX7L | 70 | WWA | 96 | Q W7/JR1NKN | 90 | WWA |
| 15 | CW | 07/11/99 | 2059 | 243 | Q KX7L | 70 | WWA | 370 | Q K8DD | 58 | MI |
| 20 | CW | 07/11/99 | 2131 | 254 | Q KX7L | 70 | WWA | 517 | Q KE0Z | 69 | SD |

| | | | | | | | | | | | | | |
|----|----|----------|------|-----|---|------|----|-----|-----|---|--------|----|-----|
| 20 | CW | 07/11/99 | 2209 | 267 | Q | KX7L | 70 | WWA | 446 | Q | WB0GAZ | 71 | CO |
| 20 | CW | 07/11/99 | 2211 | 269 | Q | KX7L | 70 | WWA | 673 | Q | W0UA | 62 | CO |
| 20 | CW | 07/11/99 | 2213 | 270 | Q | KX7L | 70 | WWA | 368 | Q | KC4WQ | 79 | KY |
| 20 | CW | 07/11/99 | 2229 | 274 | Q | KX7L | 70 | WWA | 513 | Q | K0RI | 62 | CO |
| 20 | CW | 07/11/99 | 2232 | 276 | Q | KX7L | 70 | WWA | 205 | Q | K7SY | 56 | WWA |
| 20 | CW | 07/11/99 | 2232 | 277 | Q | KX7L | 70 | WWA | 352 | Q | W4PRO | 46 | VA |
| 20 | CW | 07/11/99 | 2233 | 278 | Q | KX7L | 70 | WWA | 290 | Q | W5VBO | 61 | AZ |

21/288, or 7.3% QRP,
 In 1998 I worked 2/159 or only 1.26% QRP (but I hardly ran a freq at all)
 in 1997 it was 22/410 or only 5.4% QRP (but I think I spent a lot of time
 trying to run a freq).

I'd say QRP activity is up, base on my unscientific sample!

73,
 Charlie
 KX7L

--

Charlie Panek
 mailto:charlie_paneke@agilent.com
 Agilent Technologies Inc.
 Everett, Washington

 Date: Tue, 09 Nov 1999 10:50:56 -0800
 From: Charlie Panek <charlie_paneke@agilent.com>
 To: qrp-l@Lehigh.EDU
 Subject: [55641] Re: HB:QRP Projects in Altoid Mint Tins
 Message-ID: <38286D10.53BDF08@agilent.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

W6MIK wrote:

>I am looking photos on the web of projects that have been
 >built into Altoids or other Mints Tins.
 >Can you please supply me a few URL's so I can get an idea
 >how QRP projects are installed?

>I think Fireballs and marker generators are examples.
 >Do you install 9v battery inside or outside tin?

I put my 20m Pixie in a "Velamints" tin, which is slightly smaller than an
 Altoids tin. It's *completely* inside the tin, no protruding connectors, and
 you can even close the lid when you're not using it. Yes, the 9V battery is

also inside the tin.

One of these days I'll get a "round tuit" and take a picture of the thing, since I think it turned out kinda cute.

Charlie
KX7L

--

Charlie Panek
mailto:charlie_panek@agilent.com Agilent Technologies Inc.
Everett, Washington

Date: Tue, 09 Nov 1999 10:59:32 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [55642] News and Views -- Shack Activities
Message-ID: <38286F14.6A54@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, this weekend offered up quite a few challenges and surprises.

SST-20 fun and games:

I received a SST-20 in the mail and was having fun with it. I discovered the rig had some harmonic issues and found the PA to be overdriven with a 120 Ohm resistor. Of course this was in the mods, but at 13.2 volts the input sine wave was distorted on the negative side. I'll be running the resistor back up to 220 Ohms or so and perhaps drop it down again to just prior to the distortion. Then I did a boo-boo to the SST(NoGa Pig on K2)

Of course I'd grab the wrong powercord and toasted the zener as well as the PA. Fortunately the trace on the board made a good fuse so it could have been worse. It's all repaired and works fine. Now back to playing with the input signal and cleaning that up. The SST is one of the finer QRP kits I've seen and very complete. I know it is 1997 vintage, but what a fine package. If you are new to QRP you will do well to see just how small and efficient these rigs can be. Excellent performance.

SS Contest: What a wild ride!

It is a lot of fun to do the logs by hand. I only expected TIME for 100 QS's but found I had 6 snicker bars, some

mounds bars and other energy food hidden in my ham-box on the table. HMMMMM. Ended up drawing lines on the back of the sheets and adding a 5th sheet. And don't panic when the pencil breaks. Thank goodness for head copy.

Bring lots of candy bars... NOT! Had a flare up and the dentist gets to use premium in his luxury sedan this month. So much for the mad money! Really! The xyl found my stash under the 100 2n2222A's in the parts box. She even added to it. Now the dentist can buy that K2.... Oh the hazards of contesting...

Arkansas Millennium Challenge: DONE!

Am totally blown away at the ease of getting 2000 QSO's using 5 Watts or less this year. Some of you got over 1000 QSO's in the SS contest alone. Congratulations.

Am employing the noise bridge to produce better resonant antennas. Am thinking about getting the open-wire line into a better terminator than the 60-75 Ohms my low dipole presents. The folded dipole with decoupling stubs (Ala 5 band Lattin Antenna) appears to be a interesting challenge. Am headed that way.

FOX -- NOT!

Listened for K1JD in RI last night. Even copied 1945 for his number. But no dice. His best signal here was a 229 and If I did get him it would have been a 119. Thats basically unreadable, but if you can copy the call for 2 hours you eventually can reply with it.... Otherwise, unreadable is 000.

Har.

With tongue in cheek -- Ouch!

72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2202/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Tue, 9 Nov 1999 14:39:05 EST

From: DYARNES@aol.com

To: zmolac@campbellsci.com, qrp-l@lehigh.edu

Subject: [55643] Re: [55413] Rechargeable Alkalines?

Message-ID: <0.75f80ae9.2559d259@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/8/99 6:31:59 PM US Mountain Standard Time,
zmola@campbellsci.com writes:

<< With nimh 1300 or 1350 mAh batteries priced at a little over \$2 in fairly small quantities and a smart charger priced at \$22. I wouldn't waste time on rechargeable alkali batteries. >>

One possible problem though, is that nimh batteries only provide about 1.2V per cell, while the alkalines do about 1.5V. This could be a problem if you have a critical minimum voltage combined with a requirement for a specific # of cells to fit your space. It takes 10 nimh cells to provide 12V, while it only takes 8 alkalines. Also, the nimh cells do discharge while idle at a much higher rate than alkalines--a minor annoyance perhaps, but a factor.

I have used the Renewals for a couple of years. They do work fairly well, but many of them (but not most) are inconsistent. I can definitely confirm the warning not to discharge them totally. I've had to pitch several cells in the trash because I let them discharge down too far. They do recharge quickly in either the little AA (4 cell) or big multi-size (8 cell) charger, and provide good output. They say the "newer" ones can be recharged 100 times or more instead of 25, but I haven't been able to confirm that yet. The price is creeping up too, but I still manage to find them on sale fairly often for about \$1.25 each. All I know is, it beats the hell out of buying regular alkalines at those ridiculous prices Eveready, Rayovac, and Duracell charge. The best deal by far (unless you find a "gotcha" at a hamfest or swap meet) for regular, non-rechargeable AA's is at Costco--less than \$9 for 40 batteries. I use AA's like crazy, so I am always looking for ways to cut the cost.

At Tuthill this year I bought a bunch of nimh AA's for \$1 each. I haven't used them much yet, but so far the ones I have used seem pretty good. At this price it's hard to pass up. I saw the same deal at Pacificon.

72 de Dave W7AQK

Date: Tue, 9 Nov 1999 11:09:24 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@lehigh.EDU
Subject: [55644] ot - stamps
Message-ID: <8165-38285544-324@storefull-117.bryant.webtv.net>

Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I have 12 foreign stamps which came in last week from sase dx . If anyone collects them you can have them.
k1zw

Date: Tue, 09 Nov 1999 12:57:46 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [55645] HELP: Peak Reading mod for WM-2
Message-ID: <38281A4A.4BA4D9E6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Seems as I read of this mod on the list a while back, but didn't save it. If anyone has it, pse send it to me (direct). Need to get the WM-2 to read corectly while operating SSB.

Tnx/72..Roger

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 9 Nov 1999 15:42:35 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [55646] 1 V Challenge
Message-ID: <199911092023.PAA21043@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Got a 40M super-het working last night. Not the best radio I've ever built, or the prettist, but hears reasonably well. Works okay down to about 1.2 Volts and marginally at 1 V. Draws a real hefty 120 ma at 1.5V. 9 transistors and 6 diodes. Currently working with an external

VFO, so next step is to build a 1.5V powered VFO to make it complete.

Observations.

Use diode mixers. Wasn't able to get a transistor mixer to work, but didn't try very hard.

Keeping the audio amps in a linear operating region with varring supply voltage was difficult, until I thought of connecting the base bias resistor back to the collector. A 600 ohm transformer makes a good collector load. Didn't think it needed a volume control, but a 1V p-p square wave (strong signal) into a set of headphones is really loud!

Intermod seems to be a problem, even with the diode mixers. I think the RF pre amp is having trouble handling the signals on 40. Might need to supply it even more collector current!

Use lots of RF chokes. One on the power to each stage. I've been pulling 100 uhy jobbies out of junk VCR's.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 10 Nov 1999 03:23:39 -0500
From: Jimbob <kw3u@warwick.net>
To: low pwr qrp <qrp-l@lehigh.edu>
Subject: [55647] shack cleaning
Message-ID: <38292B8B.B107A902@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The following are spoken for already(wow)

vibroplex bug

MFJ tuner

auttek RF-1

thanks Jim kw3u

Date: Tue, 9 Nov 1999 15:52:19 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Ray Rocker <rocker@datasync.com>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [55648] Re: [CQ-Contest] Useless SS Statistics
Message-ID: <Pine.3.89.9911091523.H22615-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 Nov 1999, Ray Rocker wrote:
Ray, Hope you don't mind my CCing this to the QRP-L Reflector. The guys
might be interested in seeing your findings also. Thanks!

>
> Same here, Q precedences up quite a bit:
>
> N5FG 1996 QSOs: 1002 Prec Q: 108 10.8%
> K5MDX 1997 QSOs: 1250 Prec Q: 149 11.9%
> K5MDX 1998 QSOs: 1156 Prec Q: 127 10.5%
> WQ5L 1999 QSOs: 1091 Prec Q: 153 14.0%
>
> -- Ray WQ5L rocker@datasync.com
>

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 9 Nov 1999 16:15:10 EST
From: K1JD@aol.com
To: ab5uacw@juno.com, qrp-l@lehigh.edu
Subject: [55649] Re: RI FOX: Prelim. Logsheet
Message-ID: <0.3cdc7276.2559e8de@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Contact nr 54 @ 0215 is N5LU, not N5DU. I thought I heard you get him
corrected, but the band sure went weird on you

Absolutely right Clif - that was actually a transcription typo. N5LU is correct.

Thanks,

73,

John K1JD

Jamestown, RI

K2's SN#139 & #583

Date: Tue, 9 Nov 1999 13:28:15 -0800 (PST)

From: "David D. Meacham" <ddm@datatamers.com>

To: Joel Malman <malman@world.std.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [55650] Re: HB: Thermaleze Wire

Message-ID: <Pine.LNX.3.96.991109132254.1835A-100000@dt1.datatamers.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Joel,

Polythermalize wire has a very tough insulating coating intended for high-temperature use. It is certainly not required for QRP rigs. Just about any insulated "magnet wire" will do fine. The Nylon-based types have the advantage that you can burn off the insulation with your soldering iron.

72, Dave, W6EMD, Redwood City, CA

Date: Tue, 9 Nov 1999 16:28:52 EST

From: K1JD@aol.com

To: ratttray@gpfn.sk.ca, qrp-1@lehigh.edu

Subject: [55651] Re: did it agn!

Message-ID: <0.b48fea6f.2559ec14@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

<< Did any of you happen to hear my contact with the fox last night? >>

The FOX heard you, Bruce!

73,

John K1JD

Jamestown, RI

K2's SN#139 & #583

Date: Tue, 9 Nov 99 13:13:35 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-1@lehigh.edu
Subject: [55652] antennas
Message-ID: <Chameleon.942183597.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The other day I was at Radio Shack and they had one of their "amplified antenna" (200-0280) units on clearance for \$7. I had always wanted to try one of these, but the list price is \$30 so I never bought one. This one wasn't working, which is probably why it was so cheap, but two drops of De-oxit fixed it.

Anyway, I decided to try it out by hooking it up to my Drake R-4C. The amplified antenna was on the operating table with the telescoping antenna extended vertically. It worked ok but seemed a little noisy. So I turned on my old WW2 TCS receiver hooked up to the 85' dipole. I stuck two sets of old military headphones on my head such that I heard the R-4C in the right ear and the TCS in the left. I could hear the really weak signals on the TCS, but not on the R-4C with the Radio Shack antenna, so that proved that the cheap little box was a bit noisy. The interesting thing was that when listening to both receivers, when one would fade the other would not, giving the effect of the signal shifting from left to right. I had the receivers tuned to give about the same pitch. I was listening on 40m. If I listened to just one receiver the signal would QSB and I might miss a few letters. But as long as I listened with both it was rare for the signal to drop out completely.

So this seems to be some kind of diversity reception. Does anyone have any experience with this? Is it polarization diversity or what? What is happening propagation-wise? Does anyone have a schematic for the cheesy Radio Shack amplified antenna?

73, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569

Date: Tue, 9 Nov 1999 16:50:21 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "AE4GX Sam Billingsley" <sbillingsley@mindspring.com>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>, "North GA QRP" <nogaqrp@qth.net>, <LowPowerDX-subscribe@egroups.com>
Subject: [55653] Current WWV Propagation
Message-ID: <NBBBJDEEIFDDANGEGHLBGEKEHKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

:Issued: 1999 Nov 09 2108 UT
Prepared by the U.S. Dept. of Commerce, NOAA, Space Environment Center.

Geophysical Alert Message

Solar-terrestrial indices for 9 November follow.
Solar flux 230 and estimated Boulder A-index 23.
The Boulder K-index at 2100 UT on 9 November was 3 (34 nT).

Solar-terrestrial conditions for the last 24 hours follow.
Solar activity was low.
The geomagnetic field was at unsettled to minor storm levels.
A minor geomagnetic storm began at 1200 UT on 8 November

The forecast for the next 24 hours follows.
Solar activity will be low to moderate.
The geomagnetic field will be at unsettled to minor storm levels.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 9 Nov 1999 17:49:10 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Anthony Felino <anthony@pacinfosb.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55654] Re: antennas
Message-ID: <Pine.GS0.4.10.9911091738290.25879-1000000@larry.cas.utk.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

With one antenna being a short vertical and the other a horizontal dipole, there are two major possibilities for the selective fading. One is a slight change in the elevation angle--this would show up as fade on the dipole normally for long-distance signals and possibly fade on the vertical for close in signals--depending on the exact location and surroundings of the short vertical. As well the exact pathway to your antenna is not always the great circle straight line we use for illustrations of propagation, but may be angular--and the angle may shift a bit--likely to be noticed more on the dipole than a vertical.

The other possibility is a change in polarization of the signal on its downward path to your antennas. Although we view polarization as skewed for skip signals, this is not true all of the time--only most of the time. So a signal can get more or less one or the other polarization in the short term, especially when conditions are changing. Hence, one antenna or the other will tend to do "better" (within the test limits you set up).

For either case, antennas at least 1 wavelength apart have been used in commercial circuits to combat such fading--their results can be mixed together anywhere from the AF amp to the ear lobe (as in your case), or they can be polled and the stronger used--as in some repeater set-ups these days.

Unfortunately, it would take direction finding gear of the most sophisticated sort to trace the ups/downs and the left/rights of incoming signals--and several acres of land for the sensing array. Loops work for left-right/ but not well for up/down. So I cannot get any more specific and say that you had X but not Y type of fade. But hope this helps with the potential mechanisms involved.

-73-

LB, W4RNL

Date: Tue, 09 Nov 1999 22:50:49 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: mitch96@pobox.com, qrp-l@Lehigh.EDU
Subject: [55655] Re: Carrying case for K2
Message-ID: <19991109225049.9074.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Last week this thread hinted at an aluminum case on sale at Lowe's Home Improvement Whse. I was up at our local Lowe's store this weekend and found one for \$25. I don't have a K2, but I do have a RH-20 with a RH-40 on the way. This case will hold both rigs, paddles, 2.3 a/hr gell cell, MFJ 16010 tuner, QRP Commando Steath Dipole, balun, logbook and pen.

Nice for the price.

Sturdy, too.

73 Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 9 Nov 1999 09:59:29 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <slmachco@fix.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [55656] Re: KE6RIE Straight Key
Message-ID: <000401bf2b04\$de269fc0\$d6a832d4@prsat0xl>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

url?

Frank G3YCC G QRP 042
QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Tue, 9 Nov 1999 15:30:04 -0700
From: "Mike Newbold" <newbold@cmn.net>
To: <qrp-1@Lehigh.EDU>
Subject: [55657] rechargeable alkalines
Message-ID: <199911092257.PAA05102@cmn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

So how does one recharge these rechargeable alkalines with only 12 dcv available. Does raovac make a charger that is powered from say your car?

I see MAHA makes chargers powered from 110 vac or 12vdc. And will charge both NI CAD's or NIMH. Looks like a winner to me.

I've been using the 700 mAH ni cad made by golden power. A real pain in the changing them all the time. Fine for short runs in qrp rigs, but noticeably dim in a flashlight at 1.2 volts each.

72

Mike Newbold K0Y0

Date: Tue, 9 Nov 1999 18:06:10 EST
From: GElam30092@aol.com
To: frank@g3ycc.karoo.co.uk, qrp-1@lehigh.edu
Subject: [55658] Re: KE6RIE Straight Key
Message-ID: <0.cd62078a.255a02e2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/9/1999 3:55:24 PM US Mountain Standard Time, frank@g3ycc.karoo.co.uk writes:

<< url? >>

<http://www.fix.net/~slmachco/>

Date: Tue, 9 Nov 1999 18:20:57 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <newbold@cmn.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55659] Re: rechargeable alkalines
Message-ID: <005001bf2b09\$7dd9f7c0\$d459fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>So how does one recharge these rechargeable alkalines with only 12 dcv
>available. Does raovac make a charger that is powered from say your car?

>

>Mike Newbold K0Y0

There's nothing that says you have to use AC, but it 'appears' that the Renewal charger is tied to the AC. With a processor, there's really nothing that says they can't run internal timers to change modes, but then, that's new software. I wonder, did they even use a processor? I suppose it could be done with comparitors and some glue.

But a PIC or other uC would make it so easy... And done right, wouldn't care WHAT the input power source was.

Hmm, it's getting close to the time I pop out a screwdriver and become a tourist to the insides of my Renewal charger.

Unless someone has one already toasted they are about to scrap. I can do 90% or more of the investigative work on a unit that doesn't work just as easily as on one that does. And one that doesn't work offers some advantages if I really need to 'dig deep' into it's guts.

Mike Yetsko
N1DVJ

Date: Tue, 09 Nov 1999 23:32:24 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [55660] Triple Header F/N+ HUNT Tonight
Message-ID: <3828AF08.85C20C5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Reminder for tonight:

Each starting at 0100 until 0300.

K1LR0/7 in Ariz. 7.140+/-

KA7OZO in Ore. 7.110+/-

KC0AYG in Iowa. 7.115+/-

A gold star for every hound who bags all three.

Cheers,

Tom, N1TP. Naples, FL. QRP-L 1317

Date: Tue, 09 Nov 1999 15:41:39 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [55661] F/S
Message-ID: <3828B133.4D4@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

F/S:

Sierra with KC2. band modules for 40, 30, 17. band module kit for 20m.
\$325 shipped conUS. Fully functional, contest proven (QRP Afield 1999)

Reason: uses same IF as K2 and the two 'fight'. (I am keeping
the K2....!) Also, I need to raise some cash for antenna system updates.

Allan Taylor K7GT k7gt@arrl.net <http://www.qsl.net/k7gt> (CM97aq or
CM97dq)

Date: Tue, 09 Nov 1999 20:43:24 -0200
From: cx8at@adinet.com.uy
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55662] need CX?
Message-ID: <3828A38C.5AC07491@adinet.com.uy>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI THERE

Does anybody need Uruguay (CX) in cw QRP ?
try 21108.5 Khz now.
I'm working with 4 watts and a dipole. (low speed CW pse)

Al, CX8AT

Date: Tue, 09 Nov 1999 18:41:26
From: Robert McConnell <rmcconne@lightlink.com>
To: Peter_Simpson@ne.3com.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55663] Re: HB: Carrying case for K2 or whatever
Message-ID: <3.0.6.16.19991109184126.21cfb772@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:20 AM 11/8/99 -0500, Peter_Simpson@ne.3com.com wrote:

>
>If you work for a large company with an IT department, go down and
>ask the techs if they have a spare laptop case. Since laptops break
>more often than the cases, and a scuffed case is undesirable, they
>may be able to help you out.
>

I did that once, and now they stop at my office every time they make a trip to the dumpster to let me pick over whatever they are throwing out. I've gotten three functional 386 laptops out of it so far.

Bob McConnell
N2SPP

Date: Tue, 9 Nov 1999 16:56:35 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: John Payne <paynej1@strato.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55664] RE: Quicksilver Printing
Message-ID: <Pine.SUN.4.10.9911091652410.5838-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 Nov 1999, John Payne wrote:

> Here is an Email address I found for Paul Hardin NA5N who runs Quicksilver
Printing. Hope this helps!
>
> pharden@aoc.nrao.edu

This is a very OLD address.

Please contact me at: NA5N@Rt66.com
and I will check the records as to when it was received and mailed.
About a dozen were mailed last week, and only one order, received
yesterday, is the only one not yet mailed.

72, Paul NA5N

Date: Tue, 9 Nov 1999 17:53:34 -0600
From: "Bob Helms" <af5z@inetport.com>
To: "WCARC Reflector" <wcarc@chatham.org>
Cc: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [55665] Steve Hideg's Internet QRP Club web page removed
Message-ID: <199911092353.RAA29586@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The web site for the "Internet QRP Club" often referred to as the
QRP-L web page has been "taken down" by its operator.

Web pages with links to <http://qrp.cc.nd.edu/qrp-l/>
will produce an error unless that service is restored.

73,
Bob Helms, AF5Z
af5z@inetport.com

End of QRP-L Digest 1634

